abcam

ab217175

Anti-ETL antibody

Key facts

Isotype	IgG
Host species	Rabbit
Storage buffer	pH: 7.4 Preservative: 0.02% Proclin 300 Constituents: 50% Glycerol (glycerin, glycerine), 48.98% TBS, 1X, 1% BSA
Form	Liquid
Clonality	Polyclonal
Immunogen	Synthetic Peptide within Human ADGRL4 aa 300-400 conjugated to Keyhole Limpet Haemocyanin. The exact immunogen used to generate this antibody is proprietary information. Database link Q9HBW9
Purification technique	Affinity purification Protein A
Concentration	1 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

IHC-P

Tested

Species	Rat
Dilution info	1/100 - 1/500
Notes	When using a fluorescent probe the recommended dilution is 1/50 – 1/500. Perform heat-mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Expected

Species	Mouse
Dilution info	Use at an assay dependent concentration.
Notes	-

Predicted

Species	Human
Dilution info	-
Notes	-

Flow Cyt

Tested

Species	Mouse
Dilution info	1/100
Notes	-

Expected

Species	Rat
Dilution info	Use at an assay dependent concentration.
Notes	-

Predicted

Species	Human
Dilution info	-
Notes	-

Target data

See full target information ADGRL4

Function Endothelial orphan receptor that acts as a key regulator of angiogenesis.

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage duration	1-2 weeks
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	-20°C
Aliquoting information	Upon delivery aliquot
Storage information	Avoid freeze / thaw cycle

Supplementary info

This supplementary information is collated from multiple sources and compiled automatically.

Activity summary	ETL sometimes referred to as ETL 500 or ETL Ziegler plays a mechanical role in cellular processes. This target has a molecular mass of approximately 50 kDa. ETL is widely expressed in various tissues and can be detected in both normal and pathogenic states showing particular abundance in organ-specific cells. It exists as a singular protein or engages in complex formations depending on its function and cellular location.
Biological function summary	ETL contributes significantly to the regulation of cellular transport mechanisms. It often functions as part of larger protein complexes associating with cellular structures involved in the trafficking of molecules within the cell. ETL's interaction with these complexes facilitates intracellular movement and integrity influencing cellular responses to external signals.
Pathways	ETL holds a significant position within the intracellular signaling pathway and the protein transport pathway. Important protein interactions include those with transport-related pathways like the molecules involved in endocytosis and exocytosis. ETL's pathway involvement indicates its functional relevance in cellular maintenance and communication linking it to key structural proteins.
Associated diseases and disorders	ETL shows association with neurodegenerative diseases and some types of cancer. In neurodegenerative conditions ETL interacts with proteins involved in neural cell communication indicating a role in disease progression. Within cancer-related processes ETL partners with oncogenic proteins hinting at its potential as a target for therapeutic intervention in malignancies.

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

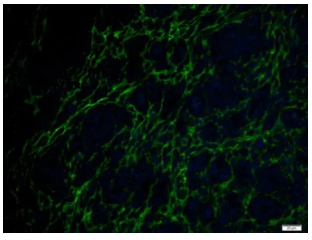
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

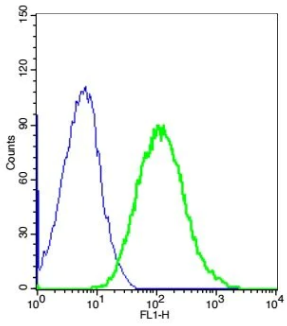
3 product images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ETL antibody (ab217175)

ETL Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using rabbit Anti-ETL antibody

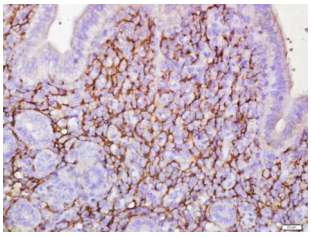
Immunohistochemical analysis of formalin-fixed paraffin-embedded rat uterus tissue, labeling ETL using ab217175 at a 1/500 dilution, followed by a secondary goat anti-rabbit IgG antibody conjugated to Cy3 at a 1/200 dilution and DAPI staining.



Flow Cytometry - Anti-ETL antibody (ab217175)

ETL Flow Cytometry staining using rabbit Anti-ETL antibody

Flow cytometry analysis of mouse kidney lysates labeling ETL (green), using ab217175 at a 1/100 dilution, and unstained cells cells (blue). FITC-conjugated secondary antibodies were used for the analysis.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ETL antibody (ab217175)

ETL Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using rabbit Anti-ETL antibody

Immunohistochemical analysis of formalin-fixed paraffin-embedded rat uterus tissue, labeling ETL using ab217175 at a 1/500 dilution, followed by conjugation to the secondary antibody and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.