abcam

Product datasheet

Anti-ZNF195 antibody ab50600

2 Abreviews 2 Images

Overview

Product name	Anti-ZNF195 antibody
Description	Rabbit polyclonal to ZNF195
Host species	Rabbit
Tested applications	**Suitable for:** WB, ELISA, IHC-P, IP
Species reactivity	**Reacts with:** Human **Predicted to work with:** Mouse, Rat, Sheep, Cow, Dog
Immunogen	A region within synthetic peptide: LTFRDVAIEF SLEEWKCLDL AQQNLYRDVM LENYRNLFSV GLTVCKPGLI, corresponding to amino acids 4-53 of Human ZNF195 Run BLAST with ExPASy Run BLAST with NCBI
Positive control	WB: Foetal lung lysate IHC-P: Human lung

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.09% Sodium azide Constituents: 2% Sucrose, PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our Abpromise guarantee covers the use of ab50600 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	(1)	Use a concentration of 1 µg/ml. Detects a band of approximately 64 kDa (predicted molecular weight: 72 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

Application	Abreviews	Notes
ELISA		Use at an assay dependent concentration. ELISA titre using peptide based assay: 1/312500.
IHC-P		Use a concentration of 4 - 8 µg/ml.
IP	★★★★☆ (1)	Use at an assay dependent concentration.

Target

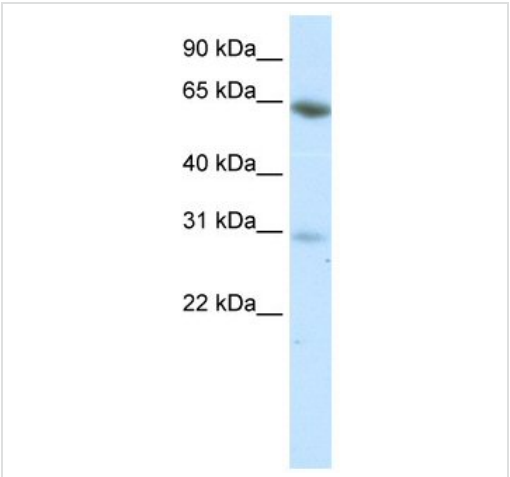
Relevance

Zinc finger proteins are an important class of eukaryotic DNA binding proteins. The zinc finger motif contains spatially conserved cysteines and histidines, which bind a zinc ion. The most common zinc finger motif is the C2H2 type, which was first identified in the Drosophila segmentation gene, Kruppel. The human genome has several hundred Kruppel related zinc finger genes. About one third of these human Kruppel type genes also code for a highly conserved region, the Kruppel associated box (KRAB domain), comprising approximately 75 amino acids found at the N terminal end. The zinc finger gene ZNF195 contains an N terminal KRAB domain and 14 tandemly repeated Kruppel type zinc finger motifs at its C terminus. ZNF195 may be involved in transcriptional regulation. It is expressed in adult heart, brain, placenta, skeletal muscle and pancreas, and in foetal lung, kidney and brain. There is little expression in adult lung, liver and kidney.

Cellular localization

Nuclear

Images



Western blot - Anti-ZNF195 antibody (ab50600)

Anti-ZNF195 antibody (ab50600) at 1 µg/ml + foetal lung lysate at 10 µg

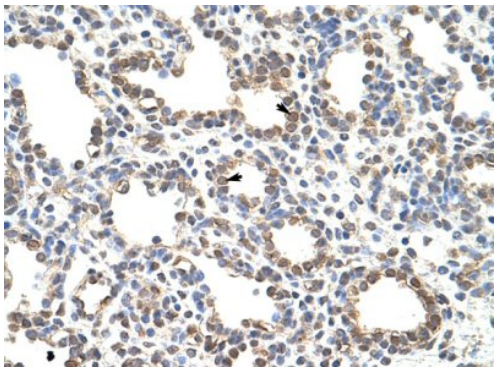
Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

Predicted band size: 72 kDa

Observed band size: ~64 kDa

Gel concentration 12%



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ZNF195 antibody (ab50600)

ab50600 at a concentration of 4-8 µg/ml labelling alveolar cells (labelled with arrows) in paraffin-embedded human lung tissue. Magnification 400X.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.com/abpromise or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors