abcam

Product datasheet

Anti-RNF14 antibody ab56605

1 References 1 Image

Overview

Product name	Anti-RNF14 antibody
Description	Mouse monoclonal to RNF14
Host species	Mouse
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Mouse, Human
Immunogen	Recombinant fragment: LFLCSICFCE KLGSECMYFL ECRHVYCKAC LKDYFEIQIR DGQVQCLNCP EPKCPSVATP GQVKELVEAE LFARYDRLLL QSSLDLMADV VYCPRPCCQL , corresponding to amino acids 217-317 of Human RNF14 Run BLAST with ExPASy Run BLAST with NCBI

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None PBS, pH 7.2
Purity	Protein G purified
Clonality	Monoclonal
Isotype	IgG2a
Light chain type	kappa

Applications

The Abpromise guarantee Our Abpromise guarantee covers the use of ab56605 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

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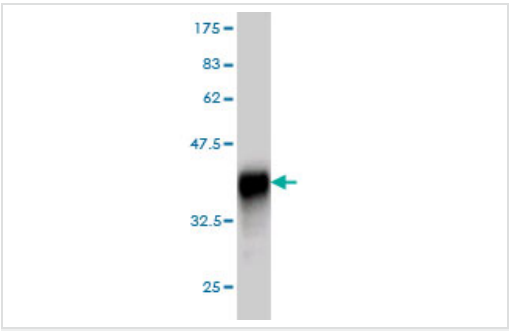
WB		Use a concentration of 1 - 5 µg/ml. This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.

Target

Function	Might act as an E3 ubiquitin-protein ligase which accepts ubiquitin from specific E2 ubiquitin-conjugating enzymes and then transfers it to substrates, which could be nuclear proteins. Could play a role as a coactivator for androgen- and, to a lesser extent, progesterone-dependent transcription.
Tissue specificity	Widely expressed.
Pathway	Protein modification; protein ubiquitination.
Sequence similarities	Belongs to the RBR family. RNF14 subfamily. Contains 1 IBR-type zinc finger. Contains 2 RING-type zinc fingers. Contains 1 RWD domain.
Domain	The N-terminal destruction box (D-box) acts as a recognition signal for degradation via the ubiquitin-proteasome pathway. The RING-type zinc finger is essential for the interaction with UBE2E2.
Post-translational modifications	RING-type zinc finger-dependent and UBE2E2-dependent autoubiquitination.
Cellular localization	Cytoplasm. Nucleus.

Images



Western blot - Anti-RNF14 antibody (ab56605)

Western blot against tagged recombinant protein immunogen using ab56605 RNF14 antibody at 1ug/ml. Predicted band size of immunogen is 37 kDa

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