



Product datasheet

Anti-RNF13 antibody ab4288

1 Abreviews 1 References

Overview

Product name	Anti-RNF13 antibody
Description	Goat polyclonal to RNF13
Host species	Goat
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide: PNGERDYNIANTV, corresponding to C terminal amino acids 369-381 of Human RNF13.  
Positive control	Human pancreas.
General notes	Principal Names – RNF13; RZF; ring finger protein 13; RING zinc finger protein. Official Gene Symbol - RNF13. GenBank Accession Number – NP_009213. LocusLink ID - 11342 (human). Gene Ontology terms - peptidase activity; proteolysis and peptidolysis; nucleus.

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: 0.02% Sodium Azide Constituents: 0.5% BSA, Tris buffered saline, pH 7.3
Purity	Immunogen affinity purified
Purification notes	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab4288** 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
IHC-P		Use at an assay dependent concentration. This antibody stained islets but not in ducts and acini of Human normal pancreas. However, in pancreatic ductal adenocarcinoma staining was in the ducts and acini.
WB		Use at an assay dependent dilution. Detects a band of approximately 60 kDa (predicted molecular weight: 43 kDa). Can be blocked with Human RNF13 peptide (ab23020) .

Target

Function	E3 ubiquitin-protein ligase that may play a role in controlling cell proliferation.
Tissue specificity	Widely expressed (at protein level). In normal pancreas, expressed in islets, but not in ducts, nor in acini (at protein level).
Pathway	Protein modification; protein ubiquitination.
Sequence similarities	Contains 1 PA (protease associated) domain. Contains 1 RING-type zinc finger.
Domain	The RING-type zinc finger domain is required for E3 ligase activity.
Post-translational modifications	Auto-ubiquitinated.
Cellular localization	Endoplasmic reticulum membrane. Golgi apparatus membrane. Late endosome membrane. Lysosome membrane. Nucleus inner membrane. Under certain conditions, relocalizes to recycling endosomes and to the inner nuclear membrane.

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