

Product datasheet

Anti-RNF31/HOIP antibody ab2919

2 References 1 Image

Overview

Product name	Anti-RNF31/HOIP antibody
Description	Goat polyclonal to RNF31/HOIP
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide: EEVPLGQSIPRRRK, corresponding to C terminal amino acids 1059-1072 of Human RNF31 . Run BLAST with ExPASy Run BLAST with NCBI
Positive control	HepG2 lysate

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 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 **ab2919** 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		Use a concentration of 1 - 3 µg/ml. Predicted molecular weight: 123 kDa.Can be blocked with Human RNF31/HOIP peptide (ab22938) .

Target

Function

E3 ubiquitin-protein ligase component of the LUBAC complex which conjugates linear polyubiquitin chains in a head-to-tail manner to substrates and plays a key role in NF-kappa-B activation and regulation of inflammation. LUBAC conjugates linear polyubiquitin to IKBKG and RIPK1 and is involved in activation of the canonical NF-kappa-B and the JNK signaling pathways. Linear ubiquitination mediated by the LUBAC complex interferes with TNF-induced cell death and thereby prevents inflammation. LUBAC is proposed to be recruited to the TNF-R1 signaling complex (TNF-RSC) following polyubiquitination of TNF-RSC components by BIRC2 and/or BIRC3 and to conjugate linear polyubiquitin to IKBKG and possibly other components contributing to the stability of the complex. Binds polyubiquitin of different linkage types.

Tissue specificity

Expressed in both normal and transformed breast epithelial cell lines.

Sequence similarities

Contains 2 IBR-type zinc fingers.
Contains 3 RanBP2-type zinc fingers.
Contains 1 RING-type zinc finger.
Contains 1 UBA domain.

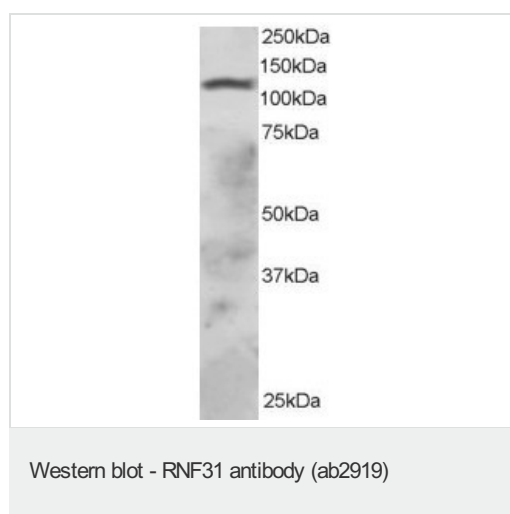
Domain

The RanBP2-type zinc fingers mediate the specific interaction with ubiquitin.

Cellular localization

Cytoplasm.

Images



Anti-RNF31/HOIP antibody (ab2919) at 2 µg/ml + HepG2 lysate (RIPA buffer, 30µg total protein per lane).

Predicted band size : 123 kDa

Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

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