


Product datasheet

Anti-ZNRF2 antibody [EPR11399(B)] ab156011

Recombinant RabMAb

[1 References](#) [4 Images](#)

Overview

Product name	Anti-ZNRF2 antibody [EPR11399(B)]
Description	Rabbit monoclonal [EPR11399(B)] to ZNRF2
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P Unsuitable for: Flow Cyt, ICC/IF or IP
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat 
Immunogen	Synthetic peptide within Human ZNRF2. The exact sequence is proprietary.
Positive control	Jurkat, HeLa, Human fetal brain and Neuro-2a lysates, Human ovarian carcinoma tissue, Human testis tissue
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Tissue culture supernatant
Clonality	Monoclonal

Clone number EPR11399(B)

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab156011 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		1/1000 - 1/10000. Predicted molecular weight: 24 kDa.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Application notes Is unsuitable for Flow Cyt, ICC/IF or IP.

Target

Function May play a role in the establishment and maintenance of neuronal transmission and plasticity via its ubiquitin ligase activity. E3 ubiquitin ligases accept ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfer the ubiquitin to targeted substrates.

Tissue specificity Highly expressed in the brain, with higher expression during development than in adult. Expressed also in mammary glands, testis, colon and kidney.

Pathway Protein modification; protein ubiquitination.

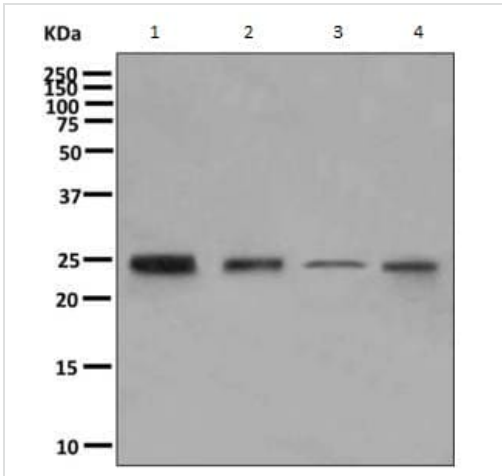
Sequence similarities Contains 1 RING-type zinc finger.

Domain The RING-type zinc finger domain is required for E3 ligase activity.

Post-translational modifications Phosphorylated upon DNA damage, probably by ATM or ATR.

Cellular localization Endosome membrane. Lysosome membrane. Cell junction > synapse > presynaptic cell membrane. Present in presynaptic plasma membranes in neurons.

Images



Western blot - Anti-ZNRF2 antibody [EPR11399(B)] (ab156011)

All lanes : Anti-ZNRF2 antibody [EPR11399(B)] (ab156011) at 1/1000 dilution

Lane 1 : Jurkat lysate

Lane 2 : HeLa cell lysate

Lane 3 : Human fetal brain tissue lysate

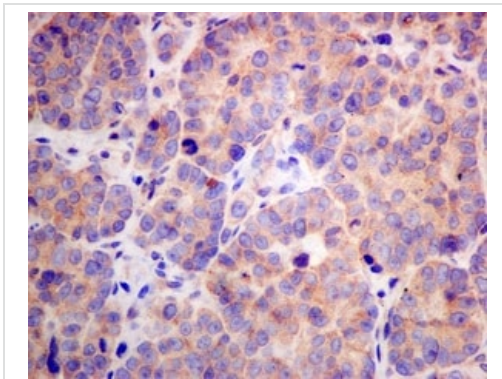
Lane 4 : Neuro-2a lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

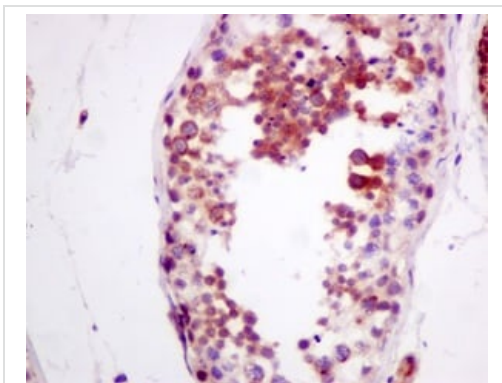
Predicted band size: 24 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ZNRF2 antibody [EPR11399(B)] (ab156011)

Immunohistochemical analysis of paraffin-embedded Human ovarian carcinoma tissue labeling ZNRF2 using ab156011 at a 1/50 dilution.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ZNRF2 antibody [EPR11399(B)] (ab156011)

Immunohistochemical analysis of paraffin-embedded Human testis tissue labeling ZNRF2 using ab156011 at a 1/50 dilution.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-ZNRF2 antibody [EPR11399(B)] (ab156011)

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

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