

Product datasheet

Anti-SH3KBP1 antibody [EPR7880(2)] ab154858

Recombinant RabMAb

2 Images

Overview

Product name	Anti-SH3KBP1 antibody [EPR7880(2)]
Description	Rabbit monoclonal [EPR7880(2)] to SH3KBP1
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt, ICC/IF, IHC-P or IP
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Human spleen, fetal thymus, fetal brain and Jurkat lysates.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <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 <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C.
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 EPR7880(2)
Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab154858 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: 73 kDa.

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

Target

Function Adapter protein involved in regulating diverse signal transduction pathways. Involved in the regulation of endocytosis and lysosomal degradation of ligand-induced receptor tyrosine kinases, including EGFR and MET/hepatocyte growth factor receptor, through a association with CBL and endophilins. The association with CBL, and thus the receptor internalization, may inhibited by an interaction with PDCD6IP and/or SPRY2. Involved in regulation of ligand-dependent endocytosis of the IgE receptor. Attenuates phosphatidylinositol 3-kinase activity by interaction with its regulatory subunit (By similarity). May be involved in regulation of cell adhesion; promotes the interaction between TTK2B and PDCD6IP. May be involved in the regulation of cellular stress response via the MAPK pathways through its interaction with MAP3K4. Is involved in modulation of tumor necrosis factor mediated apoptosis.

Tissue specificity Ubiquitously expressed. Also expressed in some cancer cell lines.

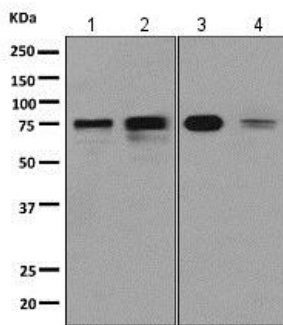
Sequence similarities Contains 3 SH3 domains.

Domain The SH3 domains mediate interaction with SHKBP1.

Post-translational modifications Monoubiquitinated by CBL and CBLB after EGF stimulation; probably on its C-terminus.

Cellular localization Cytoplasm > cytoskeleton. Cytoplasmic vesicle membrane. Cell junction > synapse > synaptosome. Cell junction > focal adhesion. Localized in endocytic vesicles containing clustered receptors. Colocalizes with ASAP1 in vesicular structures. Colocalized with actin microfilaments and focal adhesions (By similarity). Colocalized with MAGI2 in synaptosomes.

Images



Western blot - Anti-SH3KBP1 antibody [EPR7880(2)] (ab154858)

All lanes : Anti-SH3KBP1 antibody [EPR7880(2)] (ab154858) at 1/1000 dilution

Lane 1 : Human spleen tissue lysate

Lane 2 : Human fetal thymus tissue lysate

Lane 3 : Human fetal brain tissue lysate

Lane 4 : Jurkat cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 73 kDa

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

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

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