


Product datasheet

Anti-JIP3 antibody ab4545

1 Abreviews 1 Image

Overview

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<b>Product name</b>	Anti-JIP3 antibody
<b>Description</b>	Goat polyclonal to JIP3
<b>Specificity</b>	This antibody is expected to recognise both human isoforms of this protein.
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse <b>Predicted to work with:</b> Rat, Cow, Human 
<b>Immunogen</b>	Synthetic peptide: MEIQMDEGGGVV , corresponding to N terminal amino acids 2-13 of Human JIP3.  <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>General notes</b>	GenBank Accession Number – NP_055948; NP_203750. LocusLink ID - 23162 (human); 30957 (mouse). Gene Ontology terms - vesicle-mediated transport; kinesin complex; cytoplasm; kinesin binding; MAP-kinase scaffold activity; protein kinase binding; regulation of JNK cascade.

Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.02% Sodium Azide Constituents: 0.5% BSA, Tris-saline. pH 7.3
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

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Our [Abpromise guarantee](#) covers the use of **ab4545** in the following tested applications.

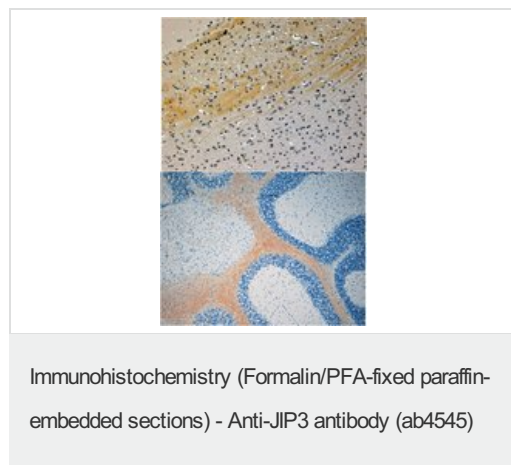
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent concentration.
IHC-P		Use a concentration of 4 - 6 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

## Target

<b>Function</b>	The JNK-interacting protein (JIP) group of scaffold proteins selectively mediates JNK signaling by aggregating specific components of the MAPK cascade to form a functional JNK signaling module. May function as a regulator of vesicle transport, through interactions with the JNK-signaling components and motor proteins.
<b>Sequence similarities</b>	Belongs to the JIP scaffold family.
<b>Post-translational modifications</b>	Phosphorylated upon DNA damage, probably by ATM or ATR.
<b>Cellular localization</b>	Cytoplasm.

## Images



ab4545 (4µg/ml) staining of paraffin embedded Mouse Brain. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining. Shows axonal staining in various regions

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