


Product datasheet

Anti-JIP3 antibody ab4545

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Overview

Product name	Anti-JIP3 antibody
Description	Goat polyclonal to JIP3
Host species	Goat
Specificity	This antibody is expected to recognise both human isoforms of this protein.
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Mouse Predicted to work with: Rat, Cow, Human 
Immunogen	Synthetic peptide: MEIQMDEGGGVV , corresponding to N terminal amino acids 2-13 of Human JIP3. Run BLAST with Run BLAST with
General notes	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. <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

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	pH: 7.3 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 0.5% BSA
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

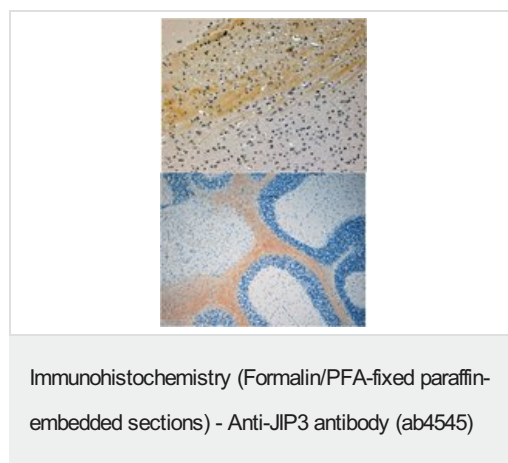
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Application	Abreviews	Notes
IHC-P		Use a concentration of 4 - 6 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Function	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.
Sequence similarities	Belongs to the JIP scaffold family.
Post-translational modifications	Phosphorylated upon DNA damage, probably by ATM or ATR.
Cellular localization	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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