

Rabbit anti-Human, Mouse DUSP9 Polyclonal Antibody | anti-DUSP9 antibody

Rabbit anti-DUSP9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA221047	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

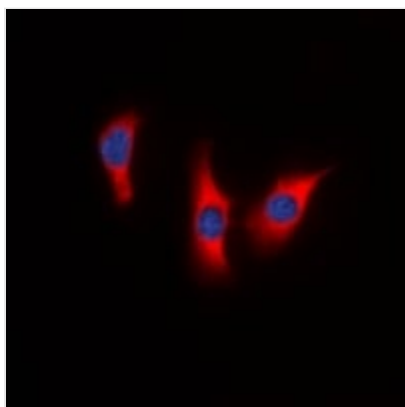
PRODUCT SYNONYMS

DUSP9; Polyclonal Antibody; Rabbit anti-DUSP9 Antibody; MKP4; Dual specificity protein phosphatase 9; Mitogen-activated protein kinase phosphatase 4; MAP kinase phosphatase 4; MKP-4; anti-DUSP9 antibody

PRODUCT SPECIFICATIONS

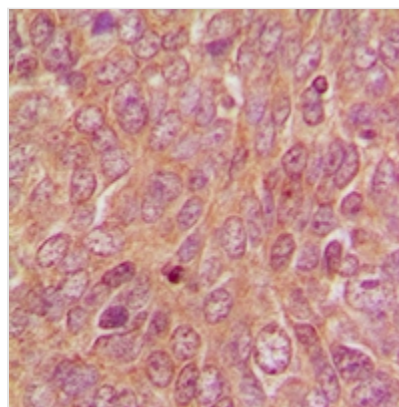
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-DUSP9 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human DUSP9. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



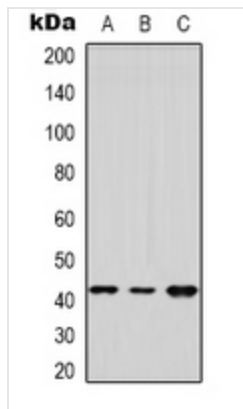
IF (Immunofluorescence)

Immunofluorescent analysis of DUSP9 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of DUSP9 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of DUSP9 expression in HeLa (A), HEK293T (B), NIH3T3 (C) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-DUSP9 antibody

Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503421
NCBI GeneID	1852
NCBI Accession #	NP_001386.1
NCBI GenBank Nucleotide #	NM_001395.2
UniProt Accession #	Q99956; D3DWU5
Molecular Weight	41,868 Da
NCBI Official Full Name	dual specificity protein phosphatase 9
NCBI Official Synonym Full Names	dual specificity phosphatase 9
NCBI Official Symbol	DUSP9
NCBI Official Synonym Symbols	MKP4; MKP-4
NCBI Protein Information	dual specificity protein phosphatase 9; map kinase phosphatase 4; serine/threonine specific protein phosphatase; mitogen-activated protein kinase phosphatase 4
UniProt Protein Name	Dual specificity protein phosphatase 9
UniProt Gene Name	DUSP9
UniProt Synonym Gene Names	MKP4; MAP kinase phosphatase 4; MKP-4
UniProt Entry Name	DUS9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dusp9-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/221047>