

Rabbit MFAP4 Polyclonal Antibody | anti-MFAP4 antibody

MFAP4 antibody - N-terminal region

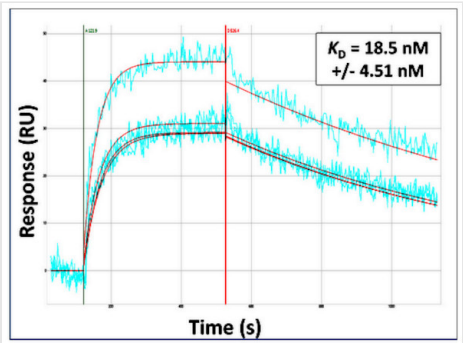
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198928	Rabbit	Tested Species Reactivity: Human, Mouse Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

MFAP4; Polyclonal Antibody; MFAP4 antibody - N-terminal region; anti-MFAP4 antibody

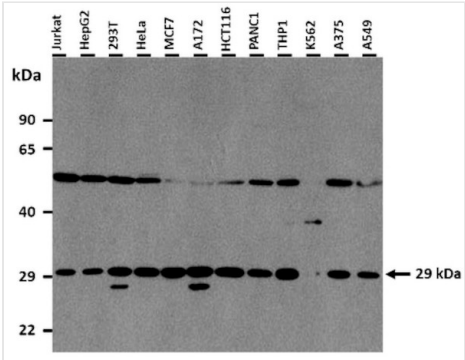
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Human, Mouse Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5mg/mL (varies by lot)
Sequence	Synthetic peptide located within the following region: TE GSKWTFQKR FNGSVSFFRG WNDYKLGFR ADGEYWLGLQ NMHLLTLK
Sequence Length	255
Applicable Applications for anti-MFAP4 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human MFAP4
Protein Size (# AA)	255 amino acids
Protein Interactions	TP53; AURKA; GRB2; RNF115; SFTPD;
Blocking Peptide	For anti-MFAP4 antibody is Catalog #
Preparation and Storage	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



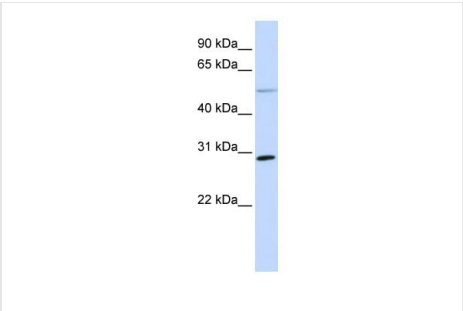
Application Data

Surface Plasmon Resonance Kinetic Characterization of Polyclonal Antibody Affinity. Purified polyclonal antibodies were immobilized on a Protein A/G coated Carterra LSA sensor chip (PAGH200M) at concentrations of 5, and 50 ug/mL in duplicate. Antibodies on the surface were exposed to interaction with peptides sequentially via microfluidic controlled flow at 333nM peptide concentration for kinetic characterization of the binders for affinity and specificity, followed by curve fitting using the Kinetics software. Kd determinations for both concentrations were averaged and results and standard deviation are shown.



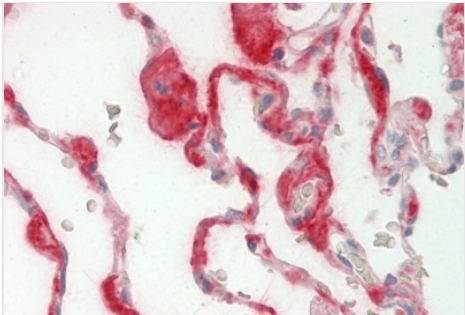
WB (Western Blot)

25 ug of the indicated Human whole cell extracts was loaded onto a 12% SDS-PAGE gel. 1 ug/mL of the antibody was used in this experiment. Protein is processed to ~26 kDa.



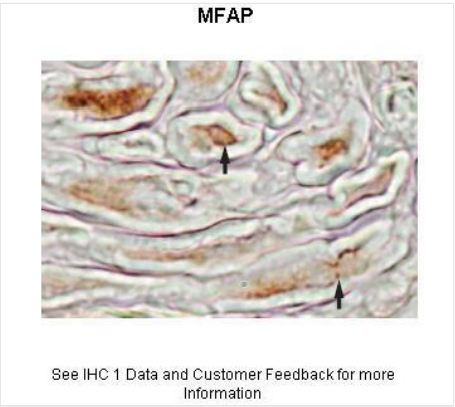
WB (Western Blot)

WB Suggested Anti-MFAP4 Antibody Titration: 0.2-1 ug/mL ELISA Titer: 1:62500 Positive Control: MCF7 cell lysate



IHC (Immunohistochemistry)

Rabbit Anti-MFAP4 antibody Catalog Number: AAA198928 Formalin Fixed Paraffin Embedded Tissue: Human Lung Primary antibody Concentration: 1:100 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20x Exposure Time: 0.5-2.0sec



IHC (Immunohistochemistry)

Sample Type : Mouse sciatic nerve Primary Antibody Dilution : 1:500 Secondary Antibody : Biotinylated Anti-Rabbit 1:1000 followed by avidin-biotin and diaminobenzidine Secondary Antibody Dilution : 1:1000 Gene Name : MFAP4 Submitted by : Beth Friedman, Ph.D., Project Scientist, Department of Pharmacology, UCSD School of Medicine, San Diego, CA

ADDITIONAL INFORMATION

Related Product Information for anti-MFAP4 antibody	This is a rabbit polyclonal antibody against MFAP4. It was validated on Western Blot using a cell lysate as a positive control. Target Description: MFAP4 is a protein with similarity to a bovine microfibril-associated protein. The protein has binding specificities for both collagen and carbohydrate. It is thought to be an extracellular matrix protein which is involved in cell adhesion or intercellular interactions. The gene encoding MFAP4 is located within the Smith-Magenis syndrome region.This gene encodes a protein with similarity to a bovine microfibril-associated protein. The protein has binding specificities for both collagen and carbohydrate. It is thought to be an extracellular matrix protein which is involved in cell adhesion or intercellular interactions. The gene is located within the Smith-Magenis syndrome region.
Product Categories/Family for anti-MFAP4 antibody	Polyclonal; Signal Proteins; Cell Adhesion; DNA/RNA/Protein Interactions; Tissue Specific & Cell Marker

NCBI AND UNIPROT INFORMATION

NCBI GI #	23111005
NCBI GeneID	4239
NCBI Accession #	NP_002395
NCBI GenBank Nucleotide #	NM_002404
UniProt Accession #	P55083
Molecular Weight	29kDa
NCBI Official Full Name	microfibril-associated glycoprotein 4 isoform 2
NCBI Official Synonym Full Names	microfibril associated protein 4
NCBI Official Symbol	MFAP4
NCBI Protein Information	microfibril-associated glycoprotein 4
UniProt Protein Name	Microfibril-associated glycoprotein 4
UniProt Gene Name	MFAP4
UniProt Entry Name	MFAP4_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/mfap4-antibody-western-blot-immunohistochemistry-elisa/198928>