AFAP1 Antibody

Catalog No: #25380

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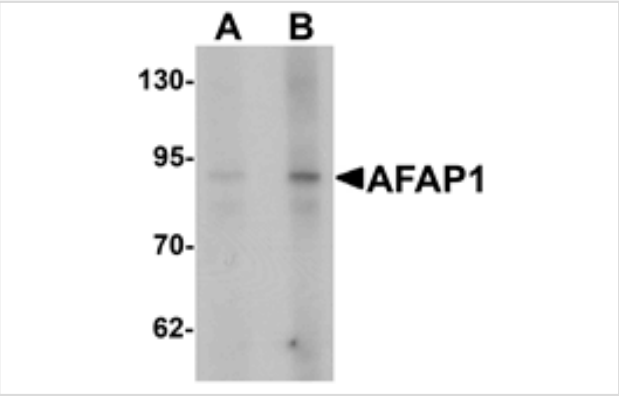
Description

Product Name	AFAP1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB
Species Reactivity	Hu Ms
Specificity	Monomer and homomultimer of AFAP1 are known to exist; AFAP1 antibody is predicted to not cross-react with other AFAP family members.
Immunogen Type	Peptide
Immunogen Description	Raised against an 18 amino acid peptide near the amino terminus of human AFAP1.
Target Name	AFAP1
Other Names	Actin filament associated protein 1, AFAP, AFAP-110
Accession No.	Swiss-Prot:Q8N556Gene ID:60312
Uniprot	Q8N556
GeneID	60312;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Images



Western blot analysis of AFAP1 in Hela cell lysate with AFAP1 antibody at (A) 1 and (B) 2 ug/mL.

Background

The actin filament-associated protein AFAP1 (AFAP-110) is an actin cross-linking protein first identified as a substrate of the viral oncogene v-Src. AFAP1 has a fundamental role in actin cytoskeleton arrangement. It contains a carboxyterminal actin-binding domain that directly binds to F-actin and serves as an adaptor protein in the regulation of SRC and PKC signal transduction by several functional domains, including 2 pleckstrin homology (PH) domains, a Src homology 3-binding (SH3-binding) motif, and several SH2-binding motifs. It is overexpressed in prostate carcinoma and contributes to tumor growth by regulating cell-matrix adhesions and migration in the cancer cells. AFAP1 represent a possible therapeutic target for

controlling tumorigenesis and metastasis.

Note: This product is for in vitro research use only