

Rabbit anti-Human AKAP12 Polyclonal Antibody | anti-AKAP12 antibody

AKAP12 Antibody

CATALOG # AAA302259	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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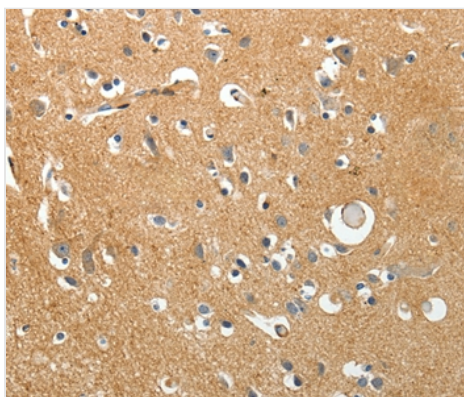
PRODUCT SYNONYMS

AKAP12; Polyclonal Antibody; AKAP12 Antibody; SSeCKS; AKAP250; anti-AKAP12 antibody

PRODUCT SPECIFICATIONS

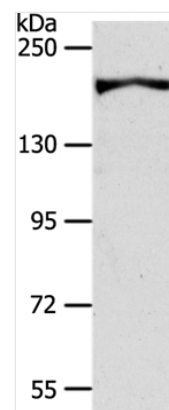
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total AKAP12 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	1.2 mg/ml (varies by lot)
Sequence Length	1782
Applicable Applications for anti-AKAP12 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human A kinase (PRKA) anchor protein 12
Target Name	AKAP12
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human brain tissue using at dilution 1/40.



Application Data

Gel: 8%SDS-PAGE Lysate: 40ug HT-29 cell Primary antibody: 1/600 dilution Secondary antibody dilution: 1/8000 Exposure time: 40 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-AKAP12 antibody	The A-kinase anchor proteins (AKAPs) are a group of structurally diverse proteins, which have the common function of binding to the regulatory subunit of protein kinase A (PKA) and confining the holoenzyme to discrete locations within the cell. This gene encodes a member of the AKAP family. The encoded protein is expressed in endothelial cells, cultured fibroblasts, and osteosarcoma cells. It associates with protein kinases A and C and phosphatase, and serves as a scaffold protein in signal transduction. This protein and RII PKA colocalize at the cell periphery. This protein is a cell growth-related protein. Antibodies to this protein can be produced by patients with myasthenia gravis. Alternative splicing of this gene results in two transcript variants encoding different isoforms.
Product Categories/Family for anti-AKAP12 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	21493022
NCBI GeneID	9590
NCBI Accession #	NP_005091.2
NCBI GenBank Nucleotide #	NM_005100.3
UniProt Accession #	Q02952; O00310; O00498; Q4LE68; Q5SZ80; Q5TGN1; Q68D82; Q99970
Molecular Weight	180,990 Da
NCBI Official Full Name	A-kinase anchor protein 12 isoform 1
NCBI Official Synonym Full Names	A kinase (PRKA) anchor protein 12
NCBI Official Symbol	AKAP12
NCBI Official Synonym Symbols	SSeCKS; AKAP250
NCBI Protein Information	A-kinase anchor protein 12
UniProt Protein Name	A-kinase anchor protein 12
UniProt Gene Name	AKAP12
UniProt Synonym Gene Names	AKAP250; AKAP-12; AKAP 250
UniProt Entry Name	AKA12_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/akap12-antibody-immunohistochemistry-western-blot-elisa/302259>