

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

AKAP12 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327688	Rabbit	Human	Immunohistochemistry, Immunocytochemistry, Immunofluorescence, Western Blot

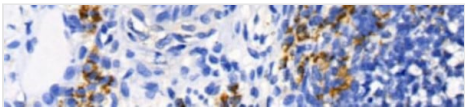
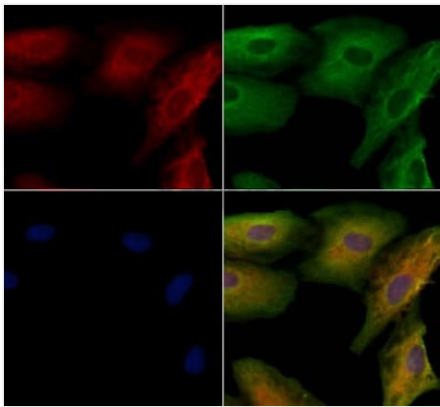
PRODUCT SYNONYMS

AKAP12; Polyclonal Antibody; AKAP12 Antibody; A kinase (PRKA) anchor protein (gravin) 12; A kinase Anchor Protein 12; A kinase anchor protein 250kDa; A-kinase anchor protein 12; A-kinase anchor protein 250 kDa; AKA12_HUMAN; AKAP 12; AKAP 250; AKAP-12; Akap12; AKAP250; DKFZp686M0430; DKFZp686O0331; FLJ20945; FLJ97621; Gercelin; Gravin; Kinase scaffold protein gravin; Myasthenia gravis autoantigen; Myasthenia gravis autoantigen gravin; OTTHUMP00000017426; OTTHUMP00000017427; Src-Suppressed C Kinase Substrate; Srcs5; SSeCKS; Tsga12; anti-AKAP12 antibody

PRODUCT SPECIFICATIONS

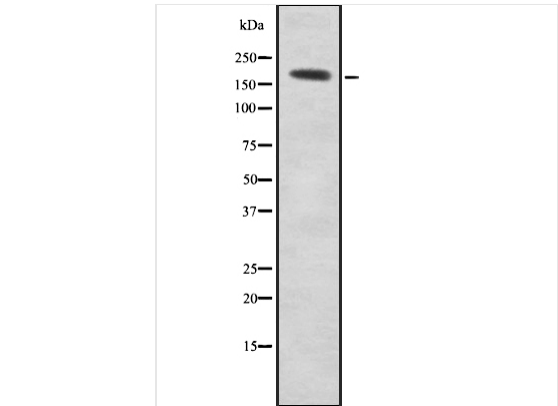
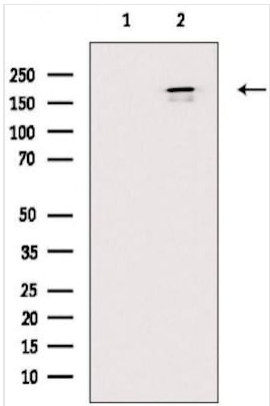
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	1782
Applicable Applications for anti-AKAP12 antibody	IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human AKAP12, corresponding to a region within C-terminal amino acids
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemisry)
AAA327688 at 1/100 staining Rat ovarian tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.

IF (Immunofluorescence)
AAA327688 staining A549 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA327688) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab. The nuclear counter stain is DAPI (blue).



WB (Western Blot)
Western blot analysis of extracts from K562 cells (serum starvation treatment), using AKAP12 Ab. The lane on the left was treated with blocking peptide.

WB (Western Blot)
Western blot analysis of AKAP12 using Jurkat whole cell lysates

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	191 kDa
NCBI Official Full Name	A-kinase anchor protein 12 isoform 1
NCBI Official Synonym Full Names	A-kinase anchoring 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

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-immunocytochemistry-immunofluorescence-western-blot-elisa/327688>