

Rabbit anti-Human AKAP4 Polyclonal Antibody | anti-AKAP4 antibody

AKAP4 Antibody

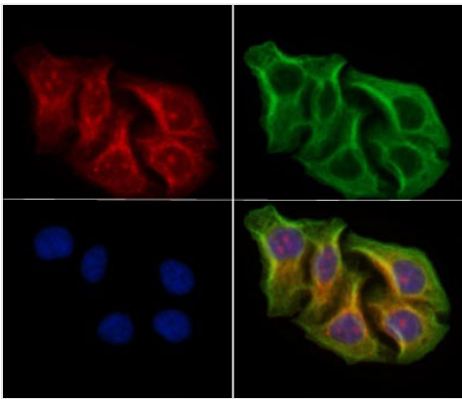
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322706	Rabbit	Human	Immunofluorescence, Immunocytochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

AKAP4; Polyclonal Antibody; AKAP4 Antibody; A kinase (PRKA) anchor protein 4; A kinase anchor protein 4; A kinase anchor protein 82 kDa; A-kinase anchor protein 4; A-kinase anchor protein 82 kDa; AKAP 4; AKAP 82; AKAP-4; AKAP4_HUMAN; AKAP82; FSC 1; FSC1; hAKAP 82; hAKAP82; HI; Major sperm fibrous sheath protein; p82; PRKA 4; PRKA4; Protein kinase A anchoring protein 4; Protein kinase A-anchoring protein 4; Testis specific gene HI; anti-AKAP4 antibody

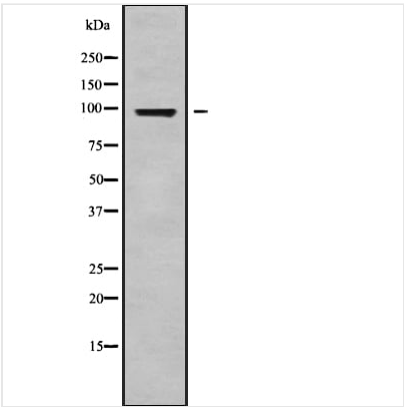
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	AKAP4 antibody detects endogenous levels of total AKAP4
Purity/Purification	Peptide affinity purification
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	854
Applicable Applications for anti-AKAP4 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human AKAP4 corresponding to a region within N-terminal amino acids.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



IF (Immunofluorescence)

Staining HeLa 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 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 antibody.



WB (Western Blot)

Western blot analysis of AKAP4 using COLO205 whole cell lysates

NCBI AND UNIPROT INFORMATION

NCBI GI #	21493037
NCBI GeneID	8852
NCBI Accession #	NP_003877.2
NCBI GenBank Nucleotide #	NM_003886.2
UniProt Accession #	Q5JQC9; O60904; O95246; Q5JQD1; Q5JQD2; Q5JQD3; A0AV85
Molecular Weight	94 kDa
NCBI Official Full Name	A-kinase anchor protein 4 isoform 1
NCBI Official Synonym Full Names	A-kinase anchoring protein 4
NCBI Official Symbol	AKAP4
NCBI Official Synonym Symbols	HI; p82; CT99; FSC1; PRKA4; AKAP-4; AKAP82; AKAP 82; hAKAP82
NCBI Protein Information	A-kinase anchor protein 4
UniProt Protein Name	A-kinase anchor protein 4
UniProt Gene Name	AKAP4
UniProt Synonym Gene Names	AKAP-4; AKAP 82; hAKAP82; HI; PRKA4

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/akap4-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/322706>