

Anti-AKAP8 antibody (480-692) (STJ22564)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

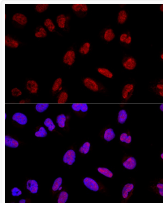
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 76kDa Observed Mw: 110kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

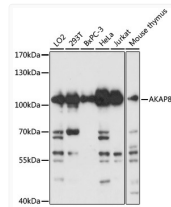
Gene ID	10270
Gene Symbol	AKAP8
UniProt ID	AKAP8_HUMAN
Immunogen Region	480-692
Immunogen Sequence	HCLACDMLIPAQPQLLQRHL HSDVHNHNRRLAAEQFKKTS LHVAKSVLNNRHIVKMLEKY LKGEDPFTSETVDPEMEGDD NLGGEDKKETPEEVAADVLA EVITAAVRAVDGEGAPAPES SGPEAEDEGPTDTAEAGSDP QAEQLLEEQVPCGTAHEKGV PKARSEAAEAGNGAETMAAE AESAQTRVAPAPAAADAEVE QTDAESKDAVPTE
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 480-692 of human AKAP8 (NP_005849.1).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Confocal immunofluorescence analysis of U2OS cells using AKAP8 Rabbit polyclonal antibody (STJ22564) at dilution of 1:200. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using AKAP8 Rabbit polyclonal antibody (STJ22564) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.