Anti-CKAP5 antibody (1763-2032) (STJ111274)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

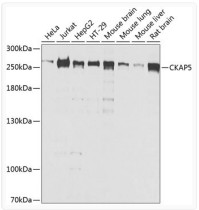
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/ICC:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 225kDa Observed Mw: 250kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

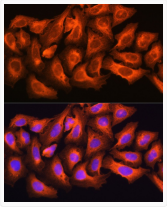
Gene ID	9793
Gene Symbol	CKAP5
UniProt ID	CKAP5_HUMAN
Immunogen Region	1763-2032
Immunogen Sequence	LLHTLCKLKGPKILDHLTMI DNKNESELEAHLCRMMKHSM DQTGSKSDKETEKGASRIDE KSSKAKVNDFLAEIFKKIGS KENTKEGLAELYEYKKKYSD ADIEPFLKNSSQFFQSYVER GLRVIEMEREGKGRISTSTG ISPQMEVTCVPTPTSTVSSI GNTNGEEVGPSVYLERLKIL RQRCGLDNTKQDDRPPLTSL LSKPAVPTVASSTDMLHSKL SQLRESREQHQHSDLDSNQ
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1763-2032 of human CKAP5 (NP_001008938.1).

ADDITIONAL INFORMATION

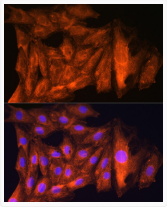
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



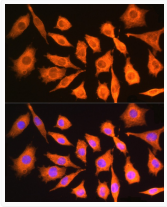
Western blot analysis of various lysates using CKAP5 Rabbit pAb (STJ111274) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 10s.



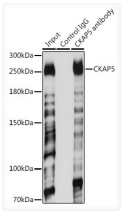
Immunofluorescence analysis of U2OS cells using CKAP5 Rabbit pAb (STJ111274) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded Rat H9C2 using CKAP5 Rabbit pAb (STJ111274) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded Mouse L929 using CKAP5 Rabbit pAb (STJ111274) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 200 Mu g extracts of Jurkat cells using 3 Mu g CKAP5 antibody (STJ111274). Western blot was performed from the immunoprecipitate using CKAP5 antibody (STJ111274) at a dilution of 1:1000.