

Anti-KIF3A antibody (430-699) (STJ28722)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

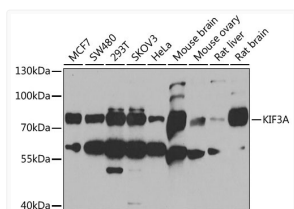
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:100-1:500 IF/ICC:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your speci
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 80kDa Observed Mw: 80kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

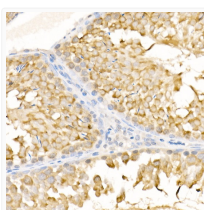
Gene ID	11127
Gene Symbol	KIF3A
UniProt ID	KIF3A_HUMAN
Immunogen Region	430-699
Immunogen Sequence	RKALETKLDMEEEERNKARA ELEKREKDLLKAQQEHQSL EKLKSALEKKVIVGGVDLLAK AEEQEKLLSESNMELEERRK RAEQLRRELEEKQERLDIE EKYTSLQEEAQGKTKKLKKV WTMLMAAKSEMADLQQEHQR EIEGLLENIRQLSRELRLQM LIIDNFIPRDYQEMIENYVH WNEDIGEWQLKCVAYTGNNM RKQTPVPDKKEKDPFEVDLS HVYLAYTEESLRQSLMKLE
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 430-699 of human KIF3A (NP_008985.3).

ADDITIONAL INFORMATION

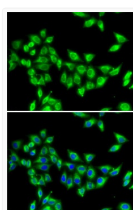
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



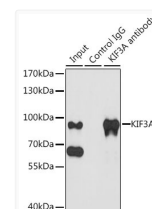
Western blot analysis of extracts of various cell lines, using KIF3A antibody (STJ28722) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded rat testis using KIF3A rabbit polyclonal antibody (STJ28722) at dilution of 1:500 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunofluorescence analysis of MCF7 cells using KIF3A antibody (STJ28722). Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 200 Mu g extracts of MCF-7 cells, using 3 Mu g KIF3A antibody (STJ28722). Western blot was performed from the immunoprecipitate using KIF3A antibody (STJ28722) at a dilution of 1:1000.