

Anti-MKNK1 antibody (374-465) (STJ11100383)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

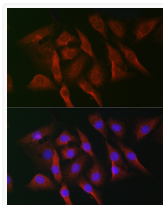
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 51kDa Observed Mw: 51kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

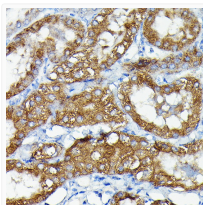
Gene ID	8569
Gene Symbol	MKNK1
UniProt ID	MKNK1_HUMAN
Immunogen Region	374-465
Immunogen Sequence	VQGQAPEKGLPTPQVLQRNS STMDLTFAAEAIALNRQLS QHEENELAAEPEALADGLCS MKLSPPCKSRLARRRRALAQA GRGEDRSPTAL
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 374-465 of human MKNK1 (NP_003675.2).

ADDITIONAL INFORMATION

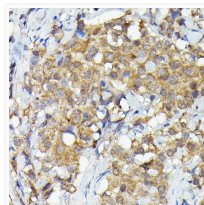
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.
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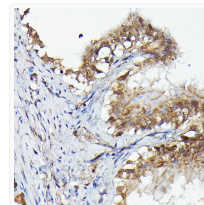
Immunofluorescence analysis of NIH-3T3 cells using MKNK1 Rabbit polyclonal antibody (STJ11100383) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



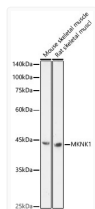
Immunohistochemistry analysis of paraffin-embedded mouse kidney using MKNK1 Rabbit polyclonal antibody (STJ11100383) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human breast cancer using MKNK1 Rabbit polyclonal antibody (STJ11100383) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat fallopian tube using MKNK1 Rabbit polyclonal antibody (STJ11100383) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates, using MKNK1 Rabbit polyclonal antibody (STJ11100383) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 180s.