

Rabbit anti-Human MKNK1 Polyclonal Antibody | anti-MKNK1 antibody

Anti-MKNK1 Antibody, Rabbit Polyclonal

CATALOG # AAA256949	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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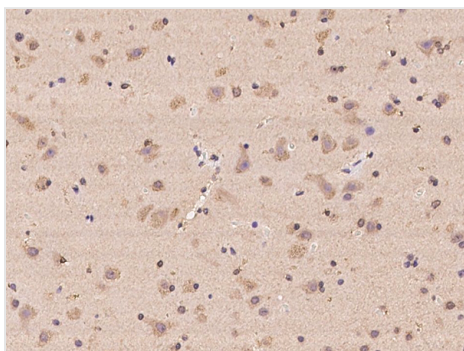
PRODUCT SYNONYMS

MKNK1; Polyclonal Antibody; Anti-MKNK1 Antibody; Rabbit Polyclonal; MKNK1 Antibody; Rabbit PAb; Antigen Affinity Purified; MAP kinase interacting serine/threonine kinase 1; Anti-MNK1 Antibody; anti-MKNK1 antibody

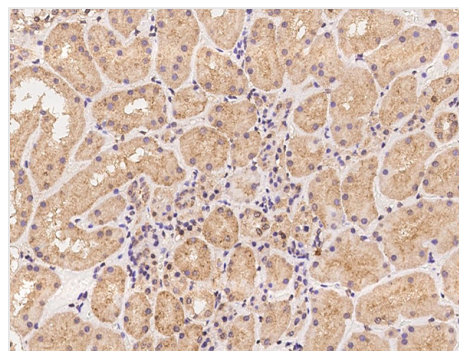
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human MKNK1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-MKNK1 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human MKNK1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human MKNK1 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunochemical staining of human MKNK1 in human brain with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.


IHC (Immunohistochemistry)

Immunochemical staining of human MKNK1 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-MKNK1 antibody	The MAPK-interacting kinase 1 (MKNK1) is localized downstream of the RAS/RAF/ERK and the MAP3K1/MKK/p38 signaling pathway. Through phosphorylation, MKNK1 regulates the function of eukaryotic translation initiation factor 4E, a key player in translational control, whose expression is often upregulated in metastatic colorectal cancer patients (mCRC). Preclinical data suggest that MKNK1 increases angiogenesis by upregulating angiogenic factors. MKNK1 polymorphism rs8602 might serve as a predictive marker in KRAS wild-type mCRC patients treated with FOLFIRI/Bev in the first-line setting. Additionally, MKNK1 might be a promising target for drug development. Expression of MKNK1 is associated with increased glioma grade and correlated with the mesenchymal GSC marker, CD44, and coexpression of MKNK1 and CD44 predicts poor survival in glioblastoma multiforme.
Product Categories/Family for anti-MKNK1 antibody	MAPK-Erk Pathway
References	Berger MD, et al. (2017) Impact of genetic variations in the mapk signaling pathway on outcome in metastatic colorectal cancer patients treated with first-line folfiri and bevacizumab: Data from fire-3 and tribe trials. Ann Oncol 28 (11): 2780-2785.Bell JB, et al. (2016) Mnk inhibition disrupts mesenchymal glioma stem cells and prolongs survival in a mouse model of glioblastoma. Mol Cancer Res 14 (10): 984-993.

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mknk1-antibody-immunohistochemistry-elisa/256949>