

Rabbit anti-Human MLK3 Polyclonal Antibody | anti-MAP3K11 antibody

Anti-MLK3 Antibody, Rabbit Polyclonal

CATALOG # AAA257024	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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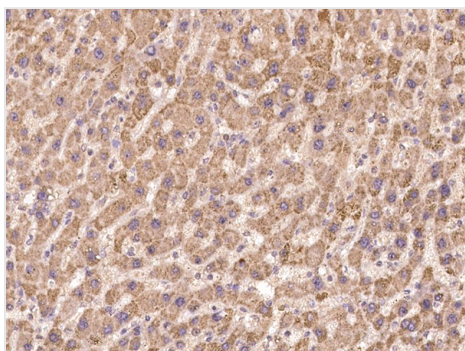
PRODUCT SYNONYMS

MLK3; Polyclonal Antibody; Anti-MLK3 Antibody; Rabbit Polyclonal; MLK3/MAP3K11 Antibody; Rabbit PAb; Antigen Affinity Purified; mitogen-activated protein kinase kinase 11; Anti-MEKK11 Antibody; Anti-MLK-3 Antibody; Anti-PTK1 Antibody; Anti-SPRK Antibody; anti-MAP3K11 antibody

PRODUCT SPECIFICATIONS

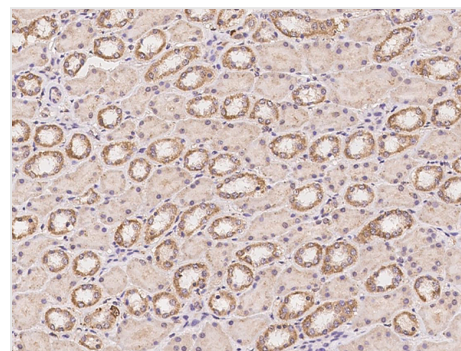
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human MLK3/MAP3K11
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-MAP3K11 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human MLK3/MAP3K11 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human MLK3/MAP3K11 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 MLK3 in human liver with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human MLK3 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-MAP3K11 antibody	Mixed-lineage kinase 3 (MLK3; also known as MAP3K11) is a Ser/Thr protein kinase widely expressed in normal and cancerous tissues, including brain, lung, liver, heart, and skeletal muscle tissues. Its Src homology 3 (SH3) domain has been implicated in MLK3 autoinhibition and interactions with other proteins, including those from viruses. The MLK3 SH3 domain contains a six-amino-acid insert corresponding to the n-Src insert, suggesting that MLK3 may bind additional peptides. MAP3K11 was initially identified in a megakaryocytic cell line and is an emerging therapeutic target in cancer. MAP3K11 directly phosphorylates JNKs and may control activation of ERKs. MAP3K11 is a tightly regulated MAP3K member. Consistent with its known role in the activation of the AP-1 pathway through JNK kinase, MLK3 was able to enhance Tat-dependent HIV transcription in vitro thus leading to an increase in infection signal.
Product Categories/Family for anti-MAP3K11 antibody	Death Receptor Signaling
References	Nguyen DG, et al. (2007) Identification of novel therapeutic targets for hiv infection through functional genomic cdna screening. Virology 362 (1): 16-25.Kokoszka ME, et al. (2018) Identification of two distinct peptide-binding pockets in the sh3 domain of human mixed-lineage kinase 3. J Biol Chem 293 (35): 13553-13565.Gibbs GM, et al. (2007) Cysteine-rich secretory protein 2 binds to mitogen-activated protein kinase kinase kinase 11 in mouse sperm. Biol Reprod 77 (1): 108-114.

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/mlk3-antibody-immunohistochemistry-elisa/257024>