

TAOK3 / JIK Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS12286**Specification**

TAOK3 / JIK Antibody (Internal) - Product Information

Application	WB, IHC
Primary Accession	Q9H2K8
Reactivity	Human, Rabbit, Pig, Horse, Bovine
Host	Goat
Clonality	Polyclonal
Calculated MW	105kDa KDa

TAOK3 / JIK Antibody (Internal) - Additional Information**Gene ID** 51347**Other Names**

Serine/threonine-protein kinase TAO3, 2.7.11.1, Cutaneous T-cell lymphoma-associated antigen HD-CL-09, CTCL-associated antigen HD-CL-09, Dendritic cell-derived protein kinase, JNK/SAPK-inhibitory kinase, Jun kinase-inhibitory kinase, Kinase from chicken homolog A, hKFC-A, Thousand and one amino acid protein 3, TAOK3, DPK, JIK, KDS, MAP3K18

Target/Specificity

Human TAOK3.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

TAOK3 / JIK Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

TAOK3 / JIK Antibody (Internal) - Protein Information**Name** TAOK3**Synonyms** DPK, JIK, KDS, MAP3K18**Function**

Serine/threonine-protein kinase that acts as a regulator of the p38/MAPK14 stress-activated MAPK cascade and of the MAPK8/JNK cascade. Acts as an activator of the p38/MAPK14 stress-activated MAPK cascade. In response to DNA damage, involved in the G2/M transition DNA damage checkpoint by activating the p38/MAPK14 stress-activated MAPK cascade, probably by mediating phosphorylation of upstream MAP2K3 and MAP2K6 kinases. Inhibits basal activity of MAPK8/JNK cascade and diminishes its activation in response epidermal growth factor (EGF).

Cellular Location

Cytoplasm. Cell membrane; Peripheral membrane protein. Note=Also localized to the peripheral cell membrane

Tissue Location

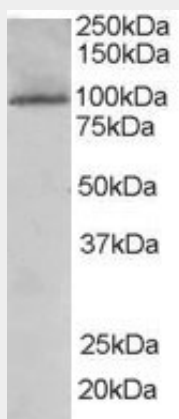
Ubiquitously expressed at a low level, and highly expressed in peripheral blood leukocytes (PBLs), thymus, spleen, kidney, skeletal muscle, heart and liver.

TAOK3 / JIK Antibody (Internal) - Protocols

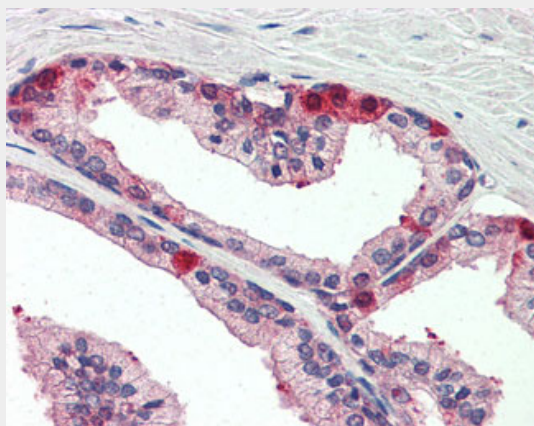
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TAOK3 / JIK Antibody (Internal) - Images



Antibody (0.1 ug/ml) staining of human liver lysate (35 ug protein in RIPA buffer).



Anti-TAOK3 antibody IHC of human prostate.

TAOK3 / JIK Antibody (Internal) - Background

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TAOK3 / JIK Antibody (Internal) - References

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Zhang W.,et al.Biochem. Biophys. Res. Commun. 274:872-879(2000).
Yustein J.T.,et al.Oncogene 22:6129-6141(2003).
Carter T.G.,et al.Submitted (AUG-1999) to the EMBL/GenBank/DDBJ databases.
Kalline N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.