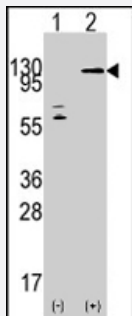


TAOK3 polyclonal antibody

Catalog # PAB4527

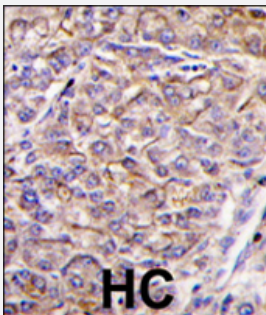
Size 400 uL

Applications



Western Blot (Transfected lysate)

Western blot analysis of TAOK3 (arrow) using rabbit TAOK3 polyclonal antibody (Cat # PAB4527). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the TAOK3 gene (Lane 2) (Origene Technologies).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human hepatocellular carcinoma reacted with TAOK3 polyclonal antibody (Cat # PAB4527), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TAOK3.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human TAOK3.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein A purification

Recommend Usage	ELISA (1:1000) Western Blot (1:50-100) Immunohistochemistry (1:10-50) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — TAOK3

Entrez GeneID	51347
Protein Accession#	NP_057365;Q9H2K8
Gene Name	TAOK3
Gene Alias	DKFZp666H245, DPK, FLJ31808, JIK, MAP3K18
Gene Description	TAO kinase 3
Gene Ontology	Hyperlink
Other Designations	STE20-like kinase

Publication Reference

- [SEREX identification of new tumour-associated antigens in cutaneous T-cell lymphoma.](#)

Hartmann TB, Thiel D, Dummer R, Schadendorf D, Eichmüller S.

The British Journal of Dermatology 2004 Feb; 150(2):252.

- [Comparative studies of a new subfamily of human Ste20-like kinases: homodimerization, subcellular localization, and selective activation of MKK3 and p38.](#)

Yustein JT, Xia L, Kahlenburg JM, Robinson D, Templeton D, Kung HJ.

Oncogene 2003 Sep; 22(40):6129.

Application: KA, WB-Tr, Human, COS-1 cells

- [Activation of caspase-12, an endoplasmic reticulum \(ER\) resident caspase, through tumor necrosis factor receptor-associated factor 2-dependent mechanism in response to the ER stress.](#)

Yoneda T, Imaizumi K, Oono K, Yui D, Gomi F, Katayama T, Tohyama M.

The Journal of Biological Chemistry 2001 Apr; 276(17):13935.

Pathway

- [MAPK signaling pathway](#)

Disease

- [Tobacco Use Disorder](#)