

Product datasheet for **TA302258**

TAOK3 Rabbit Polyclonal Antibody

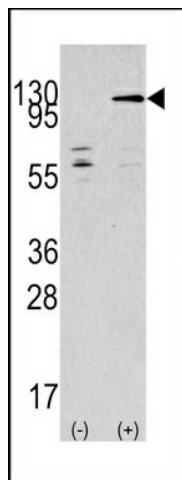
Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1:1000, IHC: 1:10~50
Reactivity:	Human (Predicted: Mouse, Rat, Chicken, Xenopus)
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This JIK (TAOK3) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 671-700 amino acids from the C-terminal region of human JIK (TAOK3).
Formulation:	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Concentration:	lot specific
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	105275 Da
Gene Name:	TAO kinase 3
Database Link:	NP_057365 Entrez Gene 304530 Rat Entrez Gene 330177 Mouse Entrez Gene 51347 Human Q9H2K8
Background:	TAOK3 is negatively regulated by epidermal growth factor (EGF) and Inhibits the basal activity of Jun kinase. When TAOK3 is overexpressed, it may activate ERK1/ERK2 and JNK/SAPK.
Synonyms:	DPK; JIK; MAP3K18
Protein Families:	Druggable Genome, Protein Kinase
Protein Pathways:	MAPK signaling pathway

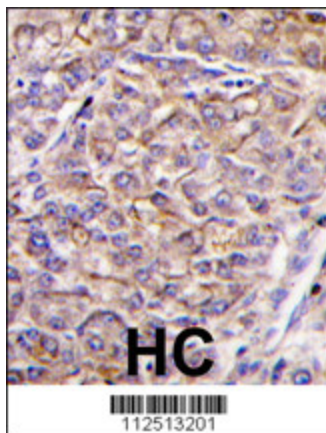


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Product images:



Western blot analysis of TAOK3 (arrow) using rabbit polyclonal TAOK3 Antibody (C-term) (Cat.#TA302258). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the TAOK3 gene (Lane 2) (Origene Technologies).



Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with TAOK3 antibody (C-term) (Cat.#TA302258), 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.