

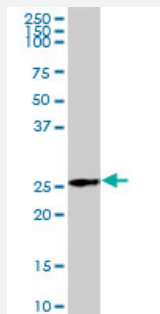
MaxPab®

AK3L1 purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00000205-B02P

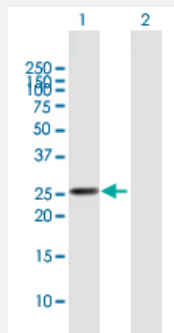
Size 50 ug

Applications



Western Blot (Tissue lysate)

AK3L1 MaxPab polyclonal antibody. Western Blot analysis of AK3L1 expression in human liver.

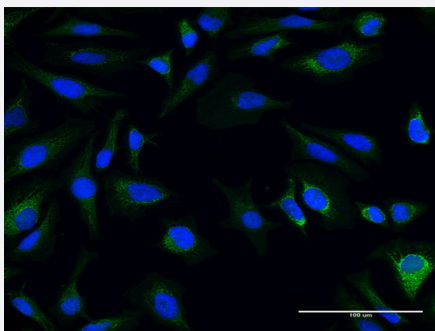


Western Blot (Transfected lysate)

Western Blot analysis of AK3L1 expression in transfected 293T cell line ([H00000205-T02](#)) by AK3L1 MaxPab polyclonal antibody.

Lane 1: AK3L1 transfected lysate(24.53 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to AK3L1 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human AK3L1 protein.

Immunogen	AK3L1 (NP_001002921, 1 a.a. ~ 223 a.a) full-length human protein.
Sequence	MASKLLRAVILGPPGSGKGTVCQRIQNFGQLHLSSGHFLRENIKASTEVGEMAKQYIEKSLLVPD HVITRLMMSELENRRGQHWLLDGFPRTLGQAEALDKICEVDLVISLNIPFETLKDRLSRRWIHPPSG RVYNLDFNPPHVHGIDDTGEPLVQQEDDKPEAVAARLRQYKDVAKPVIELYKSRGVLHQFSGTE TNKIWPYVYTLFSNKITPIQSKEAY
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (90); Rat (89)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

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[Protocol Download](#)

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- Immunofluorescence

Immunofluorescence of [purified](#) MaxPab antibody to AK3L1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — AK3L1

Entrez GeneID

[205](#)

GeneBank Accession#

[NM_001002921](#)

Protein Accession#	NP_001002921
Gene Name	AK3L1
Gene Alias	AK3, AK4, MGC166959
Gene Description	adenylate kinase 3-like 1
Omim ID	103030
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes a member of the adenylate kinase family of enzymes. The encoded protein is localized to the mitochondrial matrix. Adenylate kinases regulate the adenine and guanine nucleotide compositions within a cell by catalyzing the reversible transfer of phosphate group among these nucleotides. Five isozymes of adenylate kinase have been identified in vertebrates. Expression of these isozymes is tissue-specific and developmentally regulated. A pseudogene for this gene has been located on chromosome 17. Three transcript variants encoding the same protein have been identified for this gene. Sequence alignment suggests that the gene defined by NM_013410, NM_203464, and NM_001005353 is located on chromosome 1. [provided by RefSeq]</p>
Other Designations	ATP-AMP transphosphorylase GTP:AMP phosphotransferase OTTHUMP00000010594 mitochondrial adenylate kinase-3 nucleoside-triphosphate-adenylate kinase

Pathway

- [Metabolic pathways](#)
- [Purine metabolism](#)

Disease

- [Tobacco Use Disorder](#)