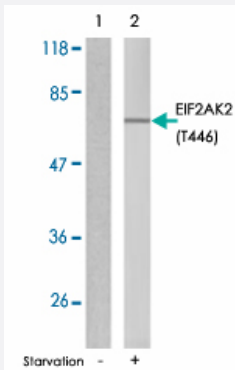


EIF2AK2 (phospho T446) polyclonal antibody

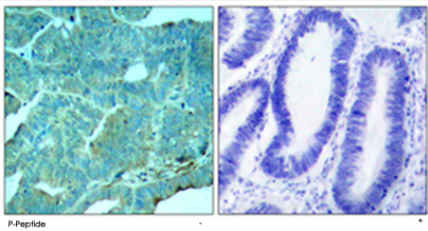
Catalog # PAB25862 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from K-562 cell using EIF2AK2 (phospho T446) polyclonal antibody (Cat # PAB25862).



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

Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue using EIF2AK2 (phospho T446) polyclonal antibody (Cat # PAB25862).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of EIF2AK2.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding T446 of human EIF2AK2.
Sequence	K-R-Tp-R-S
Host	Rabbit
Theoretical MW (kDa)	68
Reactivity	Human

Form	Liquid
Purification	Affinity chromatography
Concentration	1 mg/mL
Recommend Usage	Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg ²⁺ and Ca ²⁺), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	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 (Cell lysate)

Western blot analysis of extracts from K-562 cell using EIF2AK2 (phospho T446) polyclonal antibody (Cat # PAB25862).

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

Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue using EIF2AK2 (phospho T446) polyclonal antibody (Cat # PAB25862).

Gene Info — EIF2AK2

Entrez GeneID	5610
Protein Accession#	P19525
Gene Name	EIF2AK2
Gene Alias	EIF2AK1, MGC126524, PKR, PRKR
Gene Description	eukaryotic translation initiation factor 2-alpha kinase 2
Omim ID	176871
Gene Ontology	Hyperlink
Gene Summary	interferon-inducible double stranded RNA dependent

Other Designations

OTTHUMP00000126954|double stranded RNA activated protein kinase|interferon-inducible eIF2
alpha kinase|protein kinase, interferon-inducible double stranded RNA dependent

Disease

- [Abortion](#)
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- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)
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