

Anti-EIF2AK4 antibody

Cat. No.	ml121890
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-EIF2AK4 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human EIF2AK4
Reactivity	Human, Mouse
Content	0.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	EIF2AK4
Full name	eukaryotic translation initiation factor 2 alpha kinase 4
Synonyms	GCN2; PVOD2
Swissprot	Q9P2K8

Target Background

This gene encodes a member of a family of kinases that phosphorylate the alpha subunit of eukaryotic translation initiation factor-2 (EIF2), resulting in the downregulation of protein synthesis. The encoded protein responds to amino acid deprivation by binding uncharged transfer RNAs. It may also be activated by glucose deprivation and viral infection. Mutations in this gene have been found in individuals suffering from autosomal recessive pulmonary venoocclusive-disease-2.

订购热线: 4008-898-798

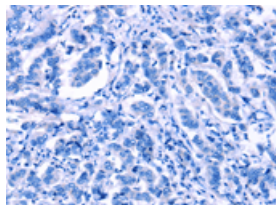
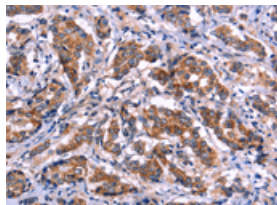
Applications

Immunohistochemistry

Predicted cell location: cytoplasm

Positive control: Human breast cancer

Recommended dilution: 50-200

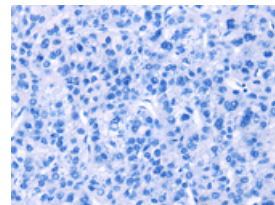
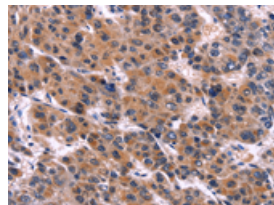


The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ml121890(EIF2AK4 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Predicted cell location: cytoplasm

Positive control: Human liver cancer

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml121890(EIF2AK4 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 187 kDa

Positive control: 293T cell

Recommended dilution: 500-2000

Gel: 6%SDS-PAGE

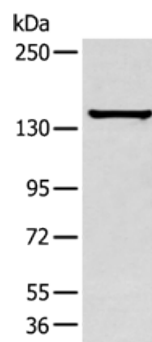
Lysate: 40 μ g

Lane: 293T cell

Primary antibody: ml121890(EIF2AK4 Antibody) at dilution 1/350

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 15 seconds



ELISA

Recommended dilution: 5000-10000

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