

Anti-EIF2AK1 antibody

Cat. No.	ml225467
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-EIF2AK1 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human EIF2AK1
Reactivity	Human, Mouse
Content	0.78 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	EIF2AK1
Full name	eukaryotic translation initiation factor 2 alpha kinase 1

Synonyms HCR; HRI

Swissprot Q9BQI3

Target Background

The protein encoded by this gene acts at the level of translation initiation to downregulate protein synthesis in response to stress. The encoded protein is a kinase that can be inactivated by hemin. Two transcript variants encoding different isoforms have been found for this gene.

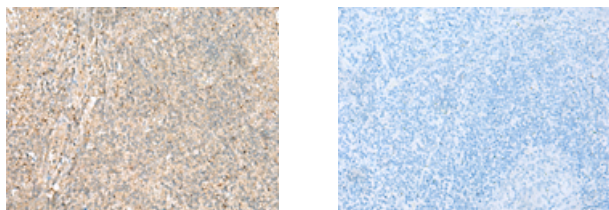
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human tonsil

Recommended dilution: 50-300



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using ml225467(EIF2AK1 Antibody) at dilution 1/45, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 71 kDa

Positive control: 293T cell lysate

Recommended dilution: 500-2000

Gel: 8%SDS-PAGE

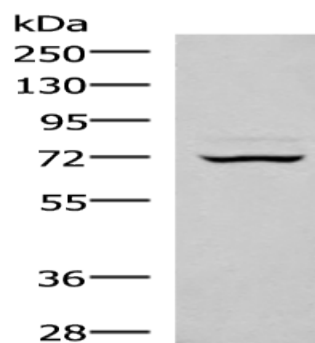
Lysate: 40 μ g

Lane: 293T cell lysate

Primary antibody: ml225467(EIF2AK1 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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