

Anti-EIF2S1 antibody

Cat. No.	ml163768
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-EIF2S1 rabbit polyclonal antibody
Applications	ELISA, WB
Immunogen	Synthetic peptide of human EIF2S1
Reactivity	Human, Mouse, Rat
Content	1.32 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	EIF2S1
Full name	eukaryotic translation initiation factor 2 subunit alpha
Synonyms	EIF2; EIF-2; EIF2A; EIF-2A; EIF-2alpha
Swissprot	P05198

Target Background

The translation initiation factor EIF2 catalyzes the first regulated step of protein synthesis initiation, promoting the binding of the initiator tRNA to 40S ribosomal subunits. Binding occurs as a ternary complex of methionyl-tRNA, EIF2, and GTP. EIF2 is composed of 3 nonidentical subunits, the 36-kD EIF2-alpha subunit (EIF2S1), the 38-kD EIF2-beta subunit (EIF2S2; MIM 603908), and the 52-kD EIF2-gamma subunit (EIF2S3; MIM 300161). The rate of formation of the ternary complex is modulated by the phosphorylation state of EIF2-alpha.

订购热线: 4008-898-798

Applications

Western blotting

Predicted band size: 36 kDa

Positive control: NIH/3T3 and A172 cell lysates

Recommended dilution: 200-1000

Gel: 8%SDS-PAGE

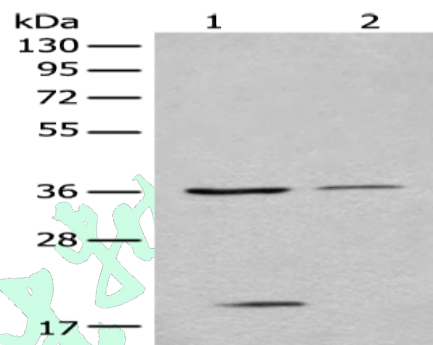
Lysate: 40 µg

Lane 1-2: NIH/3T3 and A172 cell lysates

Primary antibody: ml163768(EIF2S1 Antibody) at dilution 1/550

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

Exposure time: 2 minutes



ELISA

Recommended dilution: 5000-10000

联系电话: 4008-898-798, 021-61725725

联系QQ: 2881505695, 2881505696

邮箱: mlbio_cn@yeah.net

网址: www.mlbio.cn