

Datasheet for ABIN629631
anti-EIF2S3 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µg
Target:	EIF2S3
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Dog, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF2S3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	EIF2 S3 antibody was raised using the N terminal of EIF2 3 corresponding to a region with amino acids LDDPSCRPECYRSCGSSTPDEFPTDIPGTKGNFKLVRHVSFVDCPGHDI
Specificity:	EIF2 S3 antibody was raised against the N terminal of EIF2 3
Purification:	Purified

Target Details

Target:	EIF2S3
Alternative Name:	EIF2S3 (EIF2S3 Products)
Background:	EIF-2 functions in the early steps of protein synthesis by forming a ternary complex with GTP and initiator tRNA. This complex binds to a 40S ribosomal subunit, followed by mRNA binding to form a 43S preinitiation complex. Junction of the 60S ribosomal subunit to form the 80S

Target Details

initiation complex is preceded by hydrolysis of the GTP bound to eIF-2 and release of an eIF-2-GDP binary complex. In order for eIF-2 to recycle and catalyze another round of initiation, the GDP bound to eIF-2 must exchange with GTP by way of a reaction catalyzed by eIF-2B.

Molecular Weight: 51 kDa (MW of target protein)

Application Details

Application Notes: WB: 5 µg/mL
Optimal conditions should be determined by the investigator.

Comment: EIF2S3 Blocking Peptide, catalog no. 33R-4841, is also available for use as a blocking control in assays to test for specificity of this EIF2S3 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of EIF0 3 antibody in PBS

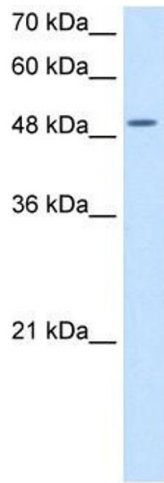
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. EIF2S3 antibody used at 5 ug/ml to detect target protein.