

Datasheet for ABIN2787838
anti-EIF2C3 antibody (N-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	EIF2C3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Cow, Zebrafish (Danio rerio), Rat, Dog, Horse, Pig, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF2C3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human EIF2C3
Sequence:	MCEVLDIHNI DEQPRPLTDS HRVKFTKEIK GLKVEVTHCG TMRRKYRVCN
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 85%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against EIF2C3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	EIF2C3
---------	--------

Target Details

Alternative Name:	EIF2C3 (EIF2C3 Products)
Background:	EIF2C3 is a member of the Argonaute family of proteins which play a role in RNA interference. The encoded protein is highly basic, contains a PAZ domain and a PIWI domain, and may play a role in short-interfering-RNA-mediated gene silencing. This gene is Alias Symbols: AGO3, FLJ12765, MGC86946, EIF2C3 Protein Interaction Partner: AGO4, TNRC6C, TNRC6A, AGO2, AGO1, ZNF346, DICER1, TNRC6B, TARBP2, PRKAR1A, ATP6V0D2, UBC, SLC22A2, BDNF, ATP4B, CAND1, CUL3, CUL5, AGO3, ATAD3B, WDR77, PSPC1, QPCTL, OTUD4, SF3B6, EIF3L, PRPF31, SUN2, PHB2, STK38, SPIN1, RUVBL2, IPO8, TAB1, PRMT5, TUBB4B, Protein Size: 626
Molecular Weight:	69 kDa
Gene ID:	192669
NCBI Accession:	NM_177422 , NP_803171
UniProt:	B1ALI0
Pathways:	Fc-epsilon Receptor Signaling Pathway , Regulatory RNA Pathways , EGFR Signaling Pathway , Neurotrophin Signaling Pathway

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 626 AA
Restrictions:	For Research Use only

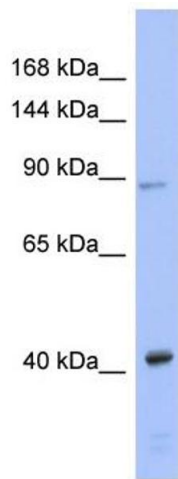
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-EIF2C3 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human Thymus