

Datasheet for ABIN2789112
anti-PFDN4 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	PFDN4
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio), Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PFDN4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	ATMKKAAAED VNVTFEDQKQ INKFARNTSR ITELKEEIEV KKKQLQNLED
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against PFDN4. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	PFDN4
Alternative Name:	PFDN4 (PFDN4 Products)

Target Details

Background:	<p>This gene encodes a member of the prefoldin beta subunit family. The encoded protein is one of six subunits of prefoldin, a molecular chaperone complex that binds and stabilizes newly synthesized polypeptides, thereby allowing them to fold correctly. The complex, consisting of two alpha and four beta subunits, forms a double beta barrel assembly with six protruding coiled-coils.</p> <p>Alias Symbols: C1, PFD4</p> <p>Protein Interaction Partner: FBXW11, VBP1, UBC, RAN, PFDN2, MAPK7, METTL21B, PDRG1, PFDN6, SORD, PFDN5, PFDN1, ABL1, TUBA3E, SPATA2, PRPF4, TUBB, TUBA4A, ACTB, STAP1,</p> <p>Protein Size: 134</p>
Molecular Weight:	15 kDa
Gene ID:	5203
NCBI Accession:	NM_002623 , NP_002614
UniProt:	Q9NQP4
Pathways:	Unfolded Protein Response

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 134 AA
Restrictions:	For Research Use only

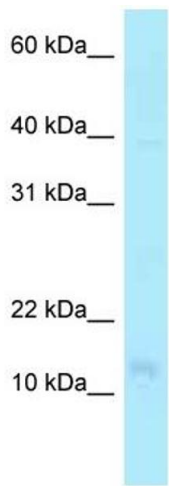
Handling

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 Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

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-PFDN4 Antibody Titration: 1.0 ug/ml Positive Control: MDA-MB-435S Whole Cell PFDN4 is strongly supported by BioGPS gene expression data to be expressed in Human MDA-MB435 cells