

Datasheet for ABIN2776756
anti-FBLN3 antibody (Middle Region)



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Overview

Quantity:	100 µL
Target:	FBLN3
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Rabbit, Pig, Cow, Dog, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FBLN3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human EFEMP1
Sequence:	KYMSIRSDRS VPSDIFQIQ TTIYANTINT FRIKSGNENG EFYLRQTSPV
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against EFEMP1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	FBLN3
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Target Details

Alternative Name:	EFEMP1 (FBLN3 Products)
Background:	EFEMP1 gene spans approximately 18 kb of genomic DNA and consists of 12 exons. Alternative splice patterns in the 5' UTR result in three transcript variants encoding the same extracellular matrix protein. Mutations in this gene are associated with Doyme honeycomb retinal dystrophy. This gene spans approximately 18 kb of genomic DNA and consists of 12 exons. Alternative splice patterns in the 5' UTR result in three transcript variants encoding the same extracellular matrix protein. Mutations in this gene are associated with Doyme honeycomb retinal dystrophy. Alias Symbols: DHRD, DRAD, FBLN3, FBNL, FLJ35535, MGC111353, MLVT, MTLV, S1-5 Protein Interaction Partner: TXNDC5, RIC8A, BAG6, TRAF2, SGTA, env, HCVgp1, KHDRBS1, TNIP1, SOCS6, UBC, PDIA3, NOS3, GFI1B, ATN1, RERE, ATXN7, CACNA1A, ARAF, TIMP3, RAF1, Protein Size: 493
Molecular Weight:	53 kDa
Gene ID:	2202
NCBI Accession:	NM_004105 , NP_004096
UniProt:	Q12805
Pathways:	EGFR Signaling Pathway

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 493 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.

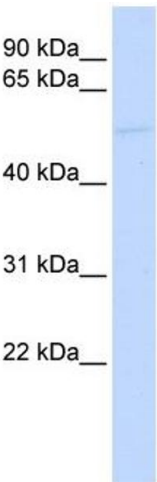
Handling

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.

Publications

Product cited in:	Lutter, Xie, Tatin, Makinen: "Smooth muscle-endothelial cell communication activates Reelin signaling and regulates lymphatic vessel formation." in: The Journal of cell biology , Vol. 197, Issue 6, pp. 837-49, (2012) (PubMed).
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Images



Western Blotting

Image 1. WB Suggested Anti-EFEMP1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: 721_B cell lysate