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AIDA Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17627b

Product Information

Application	WB, E
Primary Accession	Q96BJ3
Other Accession	Q8C4Q6, Q4R8C7, Q6PBN2, NP_073742.2
Reactivity	Human
Predicted	Zebrafish, Monkey, Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB37816
Calculated MW	35023
Antigen Region	255-283

Additional Information

Gene ID	64853
Other Names	Axin interactor, dorsalization-associated protein, Axin interaction partner and dorsalization antagonist, AIDA, C1orf80
Target/Specificity	This AIDA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 255-283 amino acids from the C-terminal region of human AIDA.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	AIDA Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	AIDA
Synonyms	C1orf80

Function	Acts as a ventralizing factor during embryogenesis. Inhibits axin-mediated JNK activation by binding axin and disrupting axin homodimerization. This in turn antagonizes a Wnt/beta-catenin- independent dorsalization pathway activated by AXIN/JNK-signaling (By similarity).
Tissue Location	Widely expressed in adult tissues, with highest expression in the heart and skeletal muscle

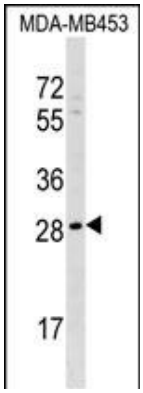
Background

AIDA acts as a ventralizing factor during embryogenesis. Inhibits axin-mediated JNK activation by binding axin and disrupting axin homodimerization. This in turn antagonizes a Wnt/beta-catenin-independent dorsalization pathway activated by AXIN/JNK-signaling (By similarity).

References

Rui, Y., et al. Dev. Cell 13(2):268-282(2007)

Images



AIDA Antibody (C-term) (Cat. #AP17627b) western blot analysis in MDA-MB453 cell line lysates (35ug/lane).This demonstrates the AIDA antibody detected the AIDA protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.