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Datasheet for ABIN1387178
anti-AIDA antibody

Overview

Quantity:	100 µL
Target:	AIDA
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AIDA antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human C1orf180/AIDA
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	AIDA
Alternative Name:	C1orf80 (AIDA Products)
Background:	Synonyms: dorsalization-associated protein, AIDA, AIDA_HUMAN, Axin interaction partner and dorsalization antagonist, Axin interactor, Axin interactor, dorsalization associated, Chromosome 1 open reading frame 80, UPF0491 protein C1orf80.

Target Details

Background: AIDA, also known as C1orf80, is a 306 amino acid protein that belongs to the axin interactor family. Expressed in a variety of tissues, including skeletal muscle and heart, AIDA functions as a ventralizing factor during embryogenesis, disrupting Axin homodimerization and inhibiting Axin-mediated JNK activation. Axin, a scaffold protein, is important for both JNK signaling and the canonical Wnt pathway, two processes that play an essential role in embryonic dorsoventral patterning. Disruption of Axin by AIDA results in the negative regulation of JNK and Wnt signaling, thereby affecting embryonic developmental events. Three isoforms of AIDA exist due to alternative splicing events.

Gene ID: 439927

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months