

Datasheet for ABIN2779138

anti-ADARB2 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	ADARB2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Zebrafish (Danio rerio), Cow, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADARB2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ADARB2
Sequence:	SYRHNRLPLS GVSDAEARQP GKSPPFMSMNW VVGSADLEII NATTGRRSCG
Predicted Reactivity:	Cow: 92%, Dog: 92%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against ADARB2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	ADARB2
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Target Details

Alternative Name:	ADARB2 (ADARB2 Products)
Background:	<p>ADARB2 is a member of the double-stranded RNA adenosine deaminase family of RNA-editing enzymes and may play a regulatory role in RNA editing. This gene encodes a member of the double-stranded RNA adenosine deaminase family of RNA-editing enzymes and may play a regulatory role in RNA editing. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-48 DA533361.1 1-48 49-369 AF034837.1 9-329 370-474 AI695657.1 188-292 c 475-2821 AF034837.1 435-2781 2822-3521 AL392083.17 12183-12882 c 3522-3668 BC047443.1 1389-1535</p> <p>Alias Symbols: ADAR3, FLJ25034, FLJ36975, RED2, hRED2</p> <p>Protein Interaction Partner: UBC, ANKHD1, GPATCH4, PSME3, PIK3R2, NOP16, SUMO1,</p> <p>Protein Size: 739</p>
Molecular Weight:	80 kDa
Gene ID:	105
NCBI Accession:	NM_018702 , NP_061172
UniProt:	Q9NS39

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 739 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-ADARB2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human heart