

Datasheet for ABIN2784240

anti-TRAPPC2 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	TRAPPC2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRAPPC2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human TRAPPC2
Sequence:	RQEDGIKNFF TDVYDLYIKF SMNPFYEPNS PIRSSAFDRK VQFLGKKHLL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 86%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against TRAPPC2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	TRAPPC2
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Target Details

Alternative Name:	TRAPPC2 (TRAPPC2 Products)
Background:	<p>TRAPPC2 prevents MBP1-mediated transcriptional repression and antagonizes MBP1-mediated cell death. TRAPPC2 may play a role in vesicular transport from endoplasmic reticulum to Golgi. The protein encoded by this gene is thought to be part of a large multisubunit complex involved in the targeting and fusion of endoplasmic reticulum-to-Golgi transport vesicles with their acceptor compartment. In addition, the encoded protein can bind MBP1 and block its transcriptional repression capability. Mutations in this gene are a cause of spondyloepiphyseal dysplasia tarda (SED). A processed pseudogene of this gene is located on chromosome 19, and other pseudogenes are found on chromosomes 8 and Y. Alternatively spliced transcript variants encoding distinct isoforms or having different 5' UTRs, have been found for this gene.</p> <p>Alias Symbols: MIP-2A, SEDL, SEDT, TRS20, ZNF547L, hYP38334, MIP2A, TRAPPC2P1</p> <p>Protein Interaction Partner: TRAPPC3L, TRAPPC5, TRAPPC6B, TRAPPC9, TRAPPC6A, TRAPPC11, TRAPPC4, TRAPPC12, TRAPPC3, TRAPPC8, TRAPPC10, ELAVL1, UBC, JOSD2, CLIC1, CLIC2, ENO1,</p> <p>Protein Size: 140</p>
Molecular Weight:	16 kDa
Gene ID:	6399
NCBI Accession:	NM_014563 , NP_055378
UniProt:	O14582

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 140 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.

Handling

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
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-TRAPPC2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: Human Spleen