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Datasheet for ABIN2784219 anti-APC2 antibody (Middle Region)

2 Images



Overview

Quantity:	100 µL
Target:	APC2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APC2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human APC2
Sequence:	LAVARIDQLV EDISALHTSS DDSFSLSSGD PGQEAPREGR AQSCSPCRGP
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against APC2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	

Target:	APC2
Alternative Name:	APC2 (APC2 Products)

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Target Details

Background:	APC2 belongs to the adenomatous polyposis coli (APC) family. It contains 6 ARM repeats.
	APC2 promotes rapid degradation of CTNNB1 and may function as a tumor suppressor. It may
	function in Wnt signaling.
	Alias Symbols: APCL
	Protein Interaction Partner: CTNNB1, NFX1, UBC, CDC27, ANAPC4, ANAPC10, CDC16, CDC23,
	ANAPC11, ANAPC7, ANAPC5, CDC26, CDH1, ANAPC1, MAPRE3, MAPRE1, Axin1, AXIN2,
	ACTA1,
	Protein Size: 2303
Molecular Weight:	244 kDa
Gene ID:	10297
NCBI Accession:	NM_005883, NP_005874
UniProt:	Q9UJX6
Pathways:	WNT Signaling

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 2303 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 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

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Validation report #100030 for Western Blotting (WB)



Western Blotting

Image 1. WB Suggested Anti-APC2 Antibody Titration: 0.2-1 ug/ml Positive Control: Human Placenta



Immunohistochemistry

Image 2.