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anti-KCTD11 antibody



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Quantity:	100 μL	
Target:	KCTD11	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This KCTD11 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 KCTD11
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	KCTD11	
Alternative Name:	KCTD11 (KCTD11 Products)	
Background:	Synonyms: C17orf36, MGC 129844, Potassium channel tetramerisation domain containing 11, REN, Retinoic acid EGF NGF induced gene protein, C 17 orf 36, KCD11_HUMAN.	
	Background: The KCTD11 gene encodes a protein that has been identified as a suppressor of	

Hedgehog signaling. Its inactivation might lead to a deregulation of the tumor promoting Hedgehog pathway in medulloblastoma. Plays a role as a marker and a regulator of neuronal differentiation, Up-regulated by a variety of neurogenic signals, such as retinoic acid, epidermal growth factor/EGF and NGFB/nerve growth factor. Induces apoptosis, growth arrest and the expression of cyclin-dependent kinase inhibitor CDKN1B. Plays a role as a tumor repressor and inhibits cell growth and tumorigenicity of medulloblastoma (MDB). Functions as antagonist of the Hedgehog pathway on cell proliferation and differentiation by affecting the nuclear transfer of transcrition factor GLI1, thus maintaining cerebellar granule cells in undifferentiated state.

Gene ID:

147040

Pathways:

Hedgehog Signaling

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	