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anti-KCTD11 antibody (AbBy Fluor® 555)



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Quantity:	100 μL	
Target:	KCTD11	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This KCTD11 antibody is conjugated to AbBy Fluor® 555	
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (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

Target Details

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:	IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months