# antibodies .- online.com







## anti-KCTD11 antibody (Cy5)



( )	1/0	r\ /1	014	
( )	ve	I V I	-v	V

Background:

Quantity:	100 μL
Target:	KCTD11
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCTD11 antibody is conjugated to Cy5
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)

Synonyms: C17orf36, MGC 129844, Potassium channel tetramerisation domain containing 11,

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

REN, Retinoic acid EGF NGF induced gene protein, C 17 orf 36, KCD11\_HUMAN.

#### **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