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Datasheet for ABIN1421668
anti-KCTD11 antibody (HRP)

Overview

Quantity:	100 µL
Target:	KCTD11
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCTD11 antibody is conjugated to HRP
Application:	Western Blotting (WB), 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

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 transcription 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

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.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months