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KCTD1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP4955b

Product Information

Application	WB, IHC-P, E
Primary Accession	Q719H9
Other Accession	Q8R4G8, Q5M956, Q2HJ48
Reactivity	Human
Predicted	Bovine, Mouse, Rat, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB25548
Calculated MW	29405
Antigen Region	216-244

Additional Information

Gene ID	284252
Other Names	BTB/POZ domain-containing protein KCTD1, Potassium channel tetramerization domain-containing protein 1, KCTD1, C18orf5
Target/Specificity	This KCTD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 216-244 amino acids from the C-terminal region of human KCTD1.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	KCTD1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

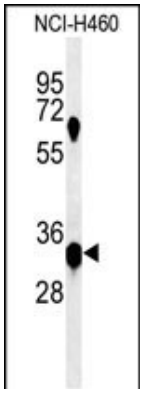
Name	KCTD1 (HGNC:18249)
Synonyms	C18orf5

Function	Is a regulator of different signaling pathways. Up-regulates ADCY5 thereby enhancing cAMP signaling, and is involved in the negative regulation of Wnt canonical, Hh and Notch signaling (PubMed:41086914). Is a repressor of transcriptional activation mediated by AP-2 family members, including TFAP2A, TFAP2B and TFAP2C to various extent (PubMed:18358072, PubMed:19115315, PubMed:33000225).
Cellular Location	Nucleus
Tissue Location	Expressed in mammary gland, kidney, brain and ovary.

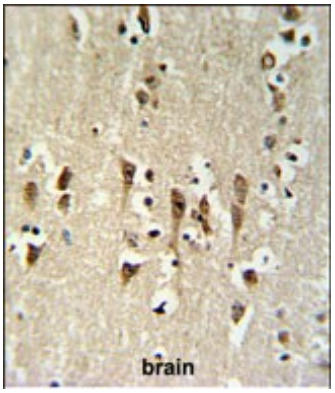
References

Ding, X., et al. J. Cell. Biochem. 106(2):285-295(2009)
Gocke, C.B., et al. J. Biol. Chem. 280(6):5004-5012(2005)
Ballif, B.A., et al. Mol. Cell Proteomics 3(11):1093-1101(2004)

Images



Western blot analysis of KCTD1 Antibody (C-term) (Cat. #AP4955b) in NCI-H460 cell line lysates (35ug/lane). KCTD1 (arrow) was detected using the purified Pab.



KCTD1 Antibody (C-term) (Cat. #AP4955b) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the KCTD1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.