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TAAR2 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20455a

Product Information

Application	WB, IHC-P, E
Primary Accession	Q9P1P5
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	40134
Antigen Region	1-30

Additional Information

Gene ID	9287
Other Names	Trace amine-associated receptor 2, TaR-2, Trace amine receptor 2, G-protein coupled receptor 58, TAAR2, GPR58
Target/Specificity	This TAAR2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human TAAR2.
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	TAAR2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TAAR2 {ECO:0000303|PubMed:15718104, ECO:0000312|HGNC:HGNC:4514}
Function	Orphan olfactory receptor specific for trace amines. Trace amine compounds are enriched in animal body fluids and act on trace amine-associated receptors (TAARs) to elicit both intraspecific and interspecific innate behaviors. Ligand-binding causes a conformation change that triggers signaling via the G(s)-class of G proteins which activate adenylate

	cyclase.
Cellular Location	Cell membrane {ECO:0000250|UniProtKB:Q5QD04}; Multi-pass membrane protein
Tissue Location	Not expressed in the pons, thalamus, hypothalamus, hippocampus, caudate, putamen, frontal cortex, basal forebrain, midbrain or liver.

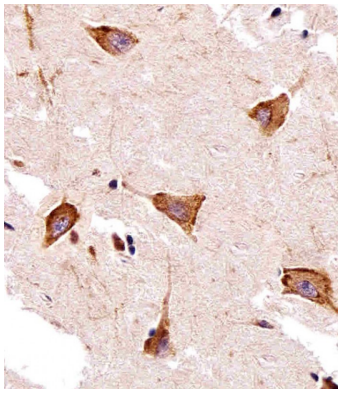
Background

Orphan receptor.

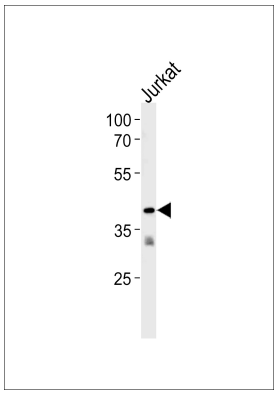
References

Lee D.K., et al. Biochim. Biophys. Acta 1490:311-323(2000).
Lindemann L., et al. Genomics 85:372-385(2005).
Mungall A.J., et al. Nature 425:805-811(2003).

Images



Immunohistochemical analysis of paraffin-embedded H. brain section using TAAR2 Antibody (N-term)(Cat#AP20455a). AP20455a was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.



TAAR2 Antibody (N-term) (Cat. #AP20455a) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the TAAR2 antibody detected the TAAR2 protein (arrow).

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