Rabbit anti-Human TAAR5 Polyclonal Antibody | anti-TAAR5 antibody

TAAR5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327640	**Rabbit**	**Human**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

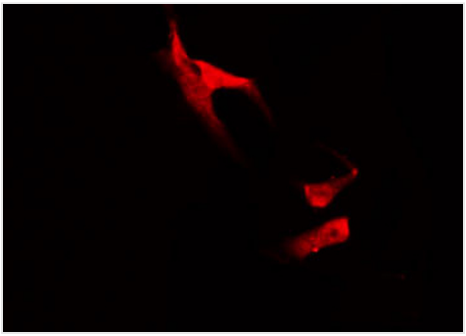
PRODUCT SYNONYMS

TAAR5; Polyclonal Antibody; TAAR5 Antibody; dGATA A; GATA binding factor A; Photoreceptor specific nuclear receptor fragment; PNR; Putative neurotransmitter receptor; Taar5; TAAR5_HUMAN; TaR-5; Trace amine associated receptor 5; Trace amine receptor 5; Trace amine-associated receptor 5; Transcription factor GATA A; anti-TAAR5 antibody

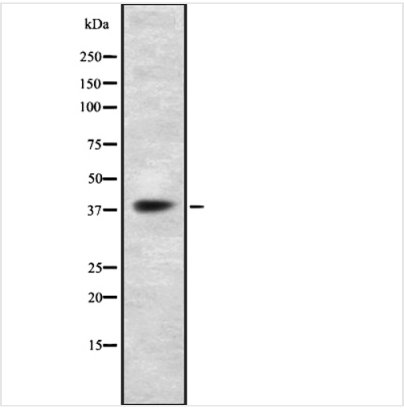
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	TAAR5 antibody detects endogenous levels of total TAAR5
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	337
Applicable Applications for anti-TAAR5 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TAAR5
Subcellular Location	Cell Membrane
Tissue Specificity	Expressed almost exclusively in skeletal muscle and selected areas of the brain, such amygdala, hippocampus, caudate nucleus, thalamus and hypothalamus. Weak expression is also find in substantia nigra.
Predicted Cross Reactivity	**Rabbit**
Similarity	Rabbit (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA327640 staining HuvEc by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of TAAR5 using HepG2 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-TAAR5 antibody	Function: Olfactory receptor specific for trimethylamine, a trace amine. Also activated at lower level by dimethylethylamine. Trimethylamine is a bacterial metabolite found in some animal odors, and to humans it is a repulsive odor associated with bad breath and spoiled food. This receptor is probably mediated by the G(s)-class of G-proteins which activate adenylate cyclase. Similarity: Belongs to the G-protein coupled receptor 1 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	223633986
NCBI GeneID	9038
NCBI Accession #	NP_003958.2
NCBI GenBank Nucleotide #	NM_003967.2
UniProt Accession #	O14804; Q2M1V1; Q4VBL1; Q5VUQ3; Q6NTA8; D8KZS1
Molecular Weight	Observed: 38 kDa Predicted: 39 kDa
NCBI Official Full Name	trace amine-associated receptor 5
NCBI Official Synonym Full Names	trace amine associated receptor 5
NCBI Official Symbol	TAAR5
NCBI Official Synonym Symbols	PNR
NCBI Protein Information	trace amine-associated receptor 5
UniProt Protein Name	Trace amine-associated receptor 5
UniProt Gene Name	**TAAR5**
UniProt Synonym Gene Names	PNR; TaR-5; Trace amine receptor 5; hTaar5

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/polyclonal/taar5-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/327640