

Datasheet for ABIN372246
anti-TAAR1 antibody (AA 225-250)[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	TAAR1
Binding Specificity:	AA 225-250
Reactivity:	Human, Rat, Monkey, Chimpanzee
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAAR1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Synthetic peptide corresponding to the amino acids 225-250 of human TAAR1.
Isotype:	IgG
Specificity:	This antibody recognizes Trace Amine Associated Receptor 1 (TAAR1/TA1).
Cross-Reactivity (Details):	Species reactivity (expected):Chimpanzee, Monkey and Rat. Species reactivity (tested):Human.
Purification:	Protein G Chromatography.

Target Details

Target:	TAAR1
Alternative Name:	TAAR1 (TAAR1 Products)

Target Details

Background: TA1 (Trace amine receptor 1) is a member of the G protein coupled receptor family (subfamily trace amine). It is activated by endogenous trace amines as well as metabolites of the biogenic amine neurotransmitters. Trace amines are biogenic amines present in very low levels in mammalian tissues. Although some trace amines have clearly defined roles as neurotransmitters in invertebrates, the extent to which they function as true neurotransmitters in vertebrates has remained speculative. Trace amines are likely to be involved in a variety of physiological functions that have yet to be fully understood. This receptor is mediated by the G(s)-class of G-proteins which activate adenylate cyclase. TA1 has been reported in human brain, dorsal root ganglion, olfactory bulb, kidney, liver, lung, pancreas, prostate, skeletal muscle, small intestine, spleen, spinal cord, and stomach. An EST for TA1 has been identified from a human stomach cancer library. Synonyms: TA1, TAR1, TRAR1, TaR-1, Trace amine receptor 1, Trace amine-associated receptor 1

Gene ID: 134864

NCBI Accession: [NP_612200](#)

UniProt: [Q96RJ0](#)

Application Details

Application Notes: Immunohistochemistry on Paraffin Sections: 10 µg/mL. Western Blot: 1-3 µg/mL.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

Buffer: PBS containing 0.05 % Sodium Azide as preservative and 0.05 % BSA as stabilizer.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

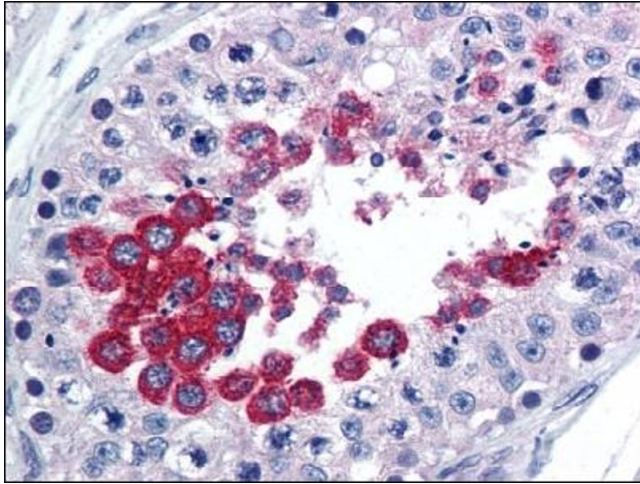


Image 1.