Datasheet for ABIN7603096

anti-TAAR6 antibody (Middle Region)

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Overview

Quantity:	100 µg
Target:	TAAR6
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAAR6 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-TAAR6 Antibody Picoband®
Immunogen:	A synthetic peptide corresponding to a sequence in the middle region of human TAAR6, which shares 93.3% and 92.9% amino acid (aa) sequence identity with mouse and rat TAAR6, respectively.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-TAAR6 Antibody Picoband® (ABIN7603096). Tested in Flow Cytometry, WB applications. This antibody reacts with Human, Monkey, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.

Product Details

Purification:	Immunogen affinity purified.

Target Details

Target:	TAAR6
Alternative Name:	TAAR6 (TAAR6 Products)
Background:	Synonyms: Pre T-cell antigen receptor alpha, pT-alpha, pTa, pT-alpha-TCR, PTCRA Tissue Specificity: Expressed in immature but not mature T-cells. Also found in CD34+ cells from peripheral blood, CD34+ precursors from umbilical cord blood and adult bone marrow. Background: Trace amine associated receptor 6, also known as TAAR6, is a protein which in humans is encoded by the TAAR6 gene. This gene encodes a seven-transmembrane G-protein-coupled receptor that likely functions as a receptor for endogenous trace amines. Mutations in this gene may be associated with schizophrenia.
Molecular Weight:	38 kDa
Gene ID:	319100

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Monkey, Mouse, Rat Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human 1. Borowsky, B., Adham, N., Jones, K. A., Raddatz, R., Artymyshyn, R., Ogozalek, K. L., Durkin, M. M., Lakhlani, P. P., Bonini, J. A., Pathirana, S., Boyle, N., Pu, X., Kouranova, E., Lichtblau, H., Ochoa, F. Y., Branchek, T. A., Gerald, C. Trace amines: identification of a family of mammalian G protein-coupled receptors. Proc. Nat. Acad. Sci. 98: 8966-8971, 2001. 2. Duan, J., Martinez, M., Sanders, A. R., Hou, C., Saitou, N., Kitano, T., Mowry, B. J., Crowe, R. R., Silverman, J. M., Levinson, D. F., Gejman, P. V. Polymorphisms in the trace amine receptor 4 (TRAR4) gene on chromosome 6q23.2 are associated with susceptibility to schizophrenia. Am. J. Hum. Genet. 75: 624-638, 2004. 3. Lindemann, L., Ebeling, M., Kratochwil, N. A., Bunzow, J. R., Grandy, D. K., Hoener, M. C. Trace amine-associated receptors form structurally and functionally distinct subfamilies of novel G protein-coupled receptors. Genomics 85: 372-385, 2005.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized

Handling

Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.