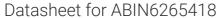
antibodies - online.com







anti-TAAR1 antibody (Internal Region)

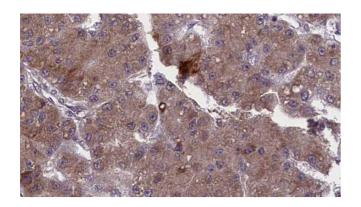
Images



Overview	
Quantity:	100 μL
Target:	TAAR1
Binding Specificity:	Internal Region
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAAR1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA
Product Details	
Immunogen:	A synthesized peptide derived from human TAAR1, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	TAAR1 Antibody detects endogenous levels of total TAAR1.
Predicted Reactivity:	Horse,Rabbit
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).
Target Details	
Target:	TAAR1

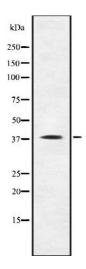
Target Details

Alternative Name:	TAAR1 (TAAR1 Products)
Background:	Description: Receptor for trace amines, including beta-phenylethylamine (b-PEA), p-tyramine (p
	TYR), octopamine and tryptamine, with highest affinity for b-PEA and p-TYR. Unresponsive to
	classical biogenic amines, such as epinephrine and histamine and only partially activated by
	dopamine and serotonin. 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. The signal transduced by this
	receptor is mediated by the G(s)-class of G-proteins which activate adenylate cyclase.
	Gene: TAAR1
Molecular Weight:	39 kDa
Gene ID:	134864
UniProt:	Q96RJ0
Application Details	
Application Notes:	WB 1:1000-3000, IHC 1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 %
	glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



Immunohistochemistry

Image 1. ABIN6272748 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



Western Blotting

Image 2. Western blot analysis of TAAR1 using COLO205 whole cell lysates