

Product datasheet for **TA334553**

OBP2A Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-OBP2A antibody is: synthetic peptide directed towards the middle region of Human OBP2A. Synthetic peptide located within the following region: QKKILMRKTEEPGKFSAYGGRKLIYLQELPGTDDYVFYCKDQRRGGLRYM
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	25 kDa
Gene Name:	odorant binding protein 2A
Database Link:	NP_001280118 Entrez Gene 29991 Human Q9NY56



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Background:

This gene encodes a small extracellular protein belonging to the lipocalin superfamily. The protein is thought to transport small, hydrophobic, volatile molecules or odorants through the nasal mucus to olfactory receptors, and may also function as a scavenger of highly concentrated or toxic odors. The protein is expressed as a monomer in the nasal mucus, and can bind diverse types of odorants with a higher affinity for aldehydes and fatty acids. This gene and a highly similar family member are located in a cluster of lipocalin genes on chromosome 9. Alternatively spliced transcript variants have been described, but their biological validity has not been determined.

Synonyms:

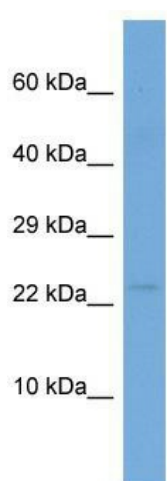
hOBPIIa; LCN13; OBP; OBP2C; OBPIIa

Note:

Immunogen Sequence Homology: Human: 100%

Protein Families:

Secreted Protein

Product images:

Host: Rabbit; Target Name: OBP2A; Sample Tissue: Jurkat Whole Cell lysates; Antibody Dilution: 1.0 ug/ml