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Datasheet for ABIN2786046 anti-OBP2A antibody (Middle Region)

Image



Overview

Quantity:	100 µL
Target:	OBP2A
Binding Specificity:	Middle Region
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OBP2A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	NLEATFTFMR EDRCIQKKIL MRKTEEPGKF SAYGGRKLIY LQELPGTDDY
Predicted Reactivity:	Human: 100%, Rat: 91%
Characteristics:	This is a rabbit polyclonal antibody against OBP2A. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	OBP2A
Alternative Name:	OBP2A (OBP2A Products)
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

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Target Details

	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.
	Alias Symbols: OBP, OBP2C, OBPIIa, hOBPIIa
	Protein Interaction Partner: OR1G1,
	Protein Size: 170
Molecular Weight:	18 kDa
Gene ID:	29991
NCBI Accession:	NM_014582, NP_055397
UniProt:	Q9NY56

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 170 AA
Restrictions:	For Research Use only

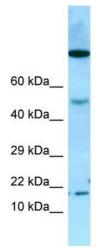
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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 freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

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aliquots to prevent freeze-thaw cycles.

Images



Rabbit Anti-OBP2A Antibody Catalog Number: ARP55085 Lot Number: QC24621 Lane: Fetal Stomach Lysate

Antibody Titration: 1.0µg/ml Gel Concentration: 10-20%

Western Blotting

Image 1.