

Datasheet for ABIN953813
anti-OMP antibody (N-Term)



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1 Image

Overview

Quantity:	0.4 mL
Target:	OMP
Binding Specificity:	AA 12-41, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OMP antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 12-41 amino acids from the N-terminal region of Human Olfactory marker protein Genename: OMP
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human Olfactory marker protein (N-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	OMP
Alternative Name:	Olfactory Marker Protein (OMP Products)
Background:	Olfactory marker protein is uniquely associated with the mature olfactory receptor neurons in

Target Details

many vertebrate species from fish to man. The OMP gene structure and protein sequence are highly conserved between mouse, rat and human. Results of the mouse knockout studies show that OMP-null mice are compromised in their ability to respond to odor stimuli, and that OMP represents a novel modulatory component of the odor detection/signal transduction cascade. Synonyms: Olfactory neuronal-specific protein, Omp

Molecular Weight: 18937 Da

Gene ID: 4975

NCBI Accession: [NP_006180](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

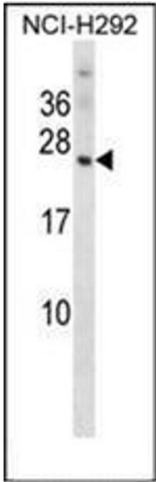
Preservative: Sodium azide

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 undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of Olfactory marker protein Antibody (N-term) in NCI-H292 cell line lysates (35ug/lane). This demonstrates the OMP antibody detected the OMP protein (arrow).