

Rabbit OLFM4 / Olfactomedin 4 Polyclonal Antibody | anti-OLFM4 antibody

Rabbit Polyclonal to Human OLFM4 / Olfactomedin 4

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52010	Rabbit	Chimpanzee, Dog, Gorilla, Human, Orangutan Predicted Reactivity: Gibbon, Monkey (at least 90% immunogen sequence identity)	Immunohistochemistry

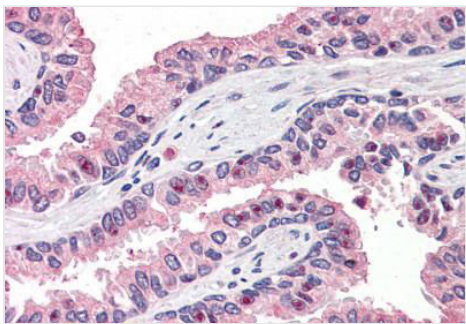
PRODUCT SYNONYMS

OLFM4 / Olfactomedin 4; Polyclonal Antibody; Rabbit Polyclonal to Human OLFM4 / Olfactomedin 4; Anti-OLFM4 / Olfactomedin 4 Antibody (Internal) IHC-plus; OLFM4; Antiapoptotic protein GW112; HOLfD; HGC-1; GW112; OlfD; OLM4; UNQ362; Olfactomedin 4; Olfactomedin-4; BA209J19.1; GC1; HCG-1; Human OLFM4; anti-OLFM4 antibody

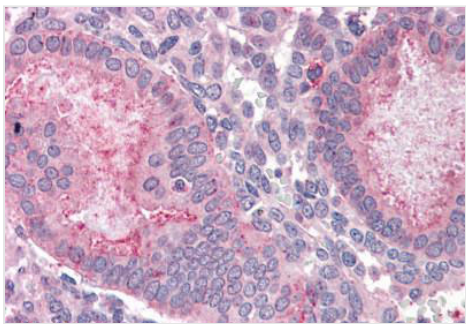
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Chimpanzee, Dog, Gorilla, Human, Orangutan Predicted Reactivity: Gibbon, Monkey (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human OLFM4. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	510
Applicable Applications for anti-OLFM4 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 15 amino acid peptide from internal region of human OLFM4. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Dog (100%); Gibbon, Monkey, Panda (93%); Marmoset, Bat (87%); Hamster, Rabbit, Pig (80%).
Immunogen Type	Synthetic peptide
Immunogen	OLFM4 / Olfactomedin 4 antibody was raised against synthetic 15 amino acid peptide from internal region of human OLFM4. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Dog (100%); Gibbon, Monkey, Panda (93%); Marmoset, Bat (87%); Hamster, Rabbit, Pig (80%).
Antigen Modification	Internal
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-OLFM4 antibody IHC of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-OLFM4 antibody IHC of human uterus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-OLFM4 antibody	Olfactomedin 4 (OLFM4) was originally cloned from human myeloblasts and found to be selectively expressed in inflamed colonic epithelium. This gene encodes a member of the olfactomedin family. The encoded protein is an antiapoptotic factor that promotes tumor growth and is an extracellular matrix glycoprotein that facilitates cell adhesion.
Product Categories/Family for anti-OLFM4 antibody	Family: Olfactomedin

NCBI AND UNIPROT INFORMATION

NCBI GI #	32313593
NCBI GeneID	10562
NCBI Accession #	NP_006409.3
NCBI GenBank Nucleotide #	NM_006418.4
UniProt Accession #	Q6UX06; O95362; Q5VWG0; Q86T22
Molecular Weight	57,280 Da
NCBI Official Full Name	olfactomedin-4
NCBI Official Synonym Full Names	olfactomedin 4
NCBI Official Symbol	OLFM4
NCBI Official Synonym Symbols	GC1; OLM4; OlfD; GW112; hGC-1; hOLFID; UNQ362; bA209J19.1
NCBI Protein Information	olfactomedin-4; antiapoptotic protein GW112; G-CSF-stimulated clone 1 protein
UniProt Protein Name	Olfactomedin-4
UniProt Gene Name	OLFM4
UniProt Synonym Gene Names	GW112; OLM4; hGC-1
UniProt Entry Name	OLFM4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.