

Rabbit OLFM4 Polyclonal Antibody | anti-OLFM4 antibody

OLFM4 Antibody

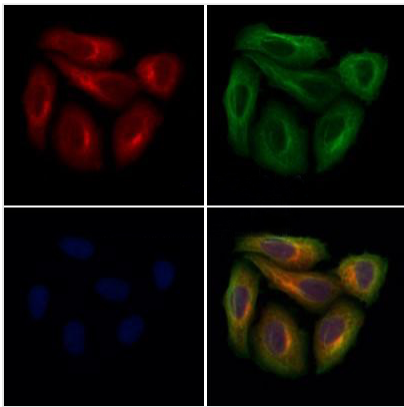
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA31220	Rabbit	Human, Mouse, Rat	ELISA

PRODUCT SYNONYMS

OLFM4; Polyclonal Antibody; OLFM4 Antibody; Antiapoptotic protein GW112; bA209J19.1; G-CSF-stimulated clone 1 protein; GC1; GW112; hGC 1; hGC-1; hOLFd; KIAA4294; olfactomedin 4; Olfactomedin-4; OlfD; OLFM4_HUMAN; OLM4; UNQ362; anti-OLFM4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	510
Applicable Applications for anti-OLFM4 antibody	ELISA
Application Notes	WB: 1:500-1:2000 IF: 1:100-1:500 ICC: 1:100-1:500 IHC: 1:50-1:200 IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween20 at 4 degree C with gentle shaking, overnight. The optimal dilutions should be determined by the end user
Immunogen	A synthesized peptide derived from human OLFM4, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



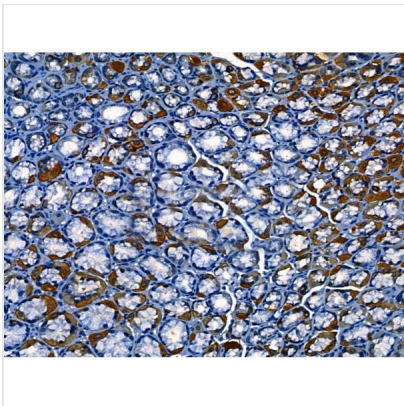
IF (Immunofluorescence)

AAA31220 staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA31220 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37 degree C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



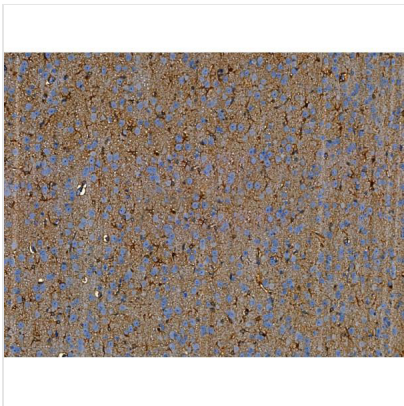
IHC (Immunohistochemistry-Paraffin)

AAA31220 at 1/100 staining Mouse brain 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 primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



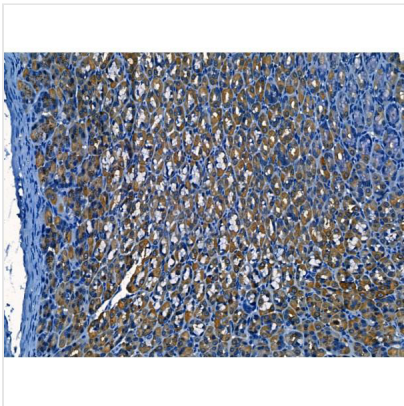
IHC (Immunohistochemistry-Paraffin)

AAA31220 at 1/100 staining Mouse stomach 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 primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



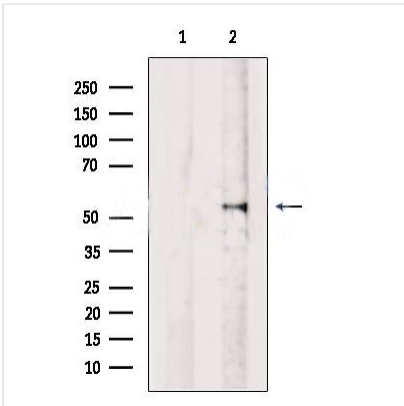
IHC (Immunohistochemistry-Paraffin)

AAA31220 at 1/100 staining Rat brain 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 primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry-Paraffin)

AAA31220 at 1/100 staining Rat stomach 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 primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from Myeloma cells, using OLFM4 Antibody. The lane on the left was treated with blocking peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	32313593
NCBI GeneID	10562
NCBI Accession #	NP_006409.3
NCBI GenBank Nucleotide #	NP_006409.3
UniProt Accession #	Q6UX06
Molecular Weight	57kDa
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; hOlfD; UNQ362; bA209J19.1
NCBI Protein Information	olfactomedin-4
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/olfm4-antibody-elisa/31220>