

Rabbit anti-Human OTOP1 Polyclonal Antibody | anti-OTOP1 antibody

OTOP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA235019	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

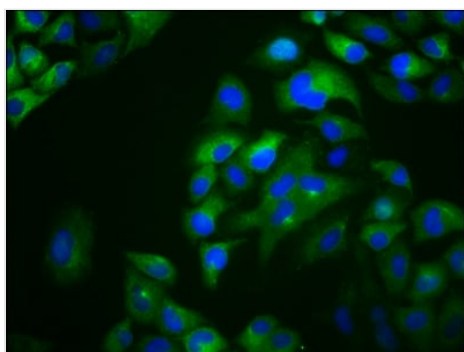
PRODUCT SYNONYMS

OTOP1; Polyclonal Antibody; OTOP1 Antibody; Otopetrin-1; anti-OTOP1 antibody

PRODUCT SPECIFICATIONS

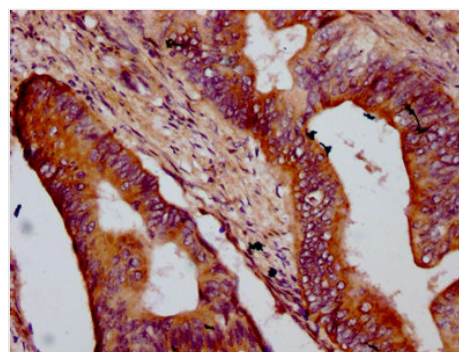
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	612
Applicable Applications for anti-OTOP1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Otopetrin-1 protein (414-544AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HeLa cells with AAA235019 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA235019 diluted at 1:400 and staining in paraffin-embedded human colon cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-OTOP1 antibody	Required for normal formation of otoconia in the inner ear. Inhibits P2Y purinoceptors. Modulates calcium homeostasis and influx of calcium in response to extracellular ATP (By similarity).
Product Categories/Family for anti-OTOP1 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	29725635
NCBI GeneID	133060
NCBI Accession #	NP_819056.1
NCBI GenBank Nucleotide #	NM_177998.2
UniProt Accession #	Q7RTM1; A1L476
Molecular Weight	67,353 Da
NCBI Official Full Name	otopetrin-1
NCBI Official Synonym Full Names	otopetrin 1
NCBI Official Symbol	OTOP1
NCBI Protein Information	otopetrin-1
UniProt Protein Name	Otopetrin-1
UniProt Gene Name	OTOP1

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://www.aaabiotech.com/polyclonal/otop1-antibody-immunofluorescence-immunohistochemistry-elisa/235019>