

Rabbit anti-Human OS9/osteosarcoma amplified 9 Polyclonal Antibody | anti-OS9 antibody

Anti-OS9/osteosarcoma amplified 9 Antibody, Rabbit Polyclonal

CATALOG # AAA256028	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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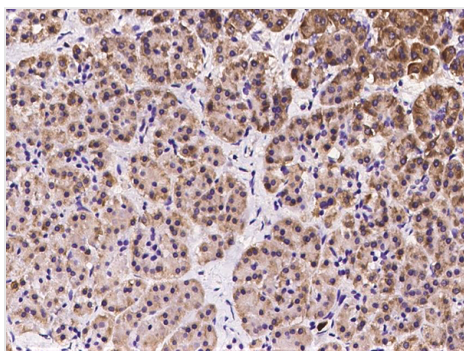
PRODUCT SYNONYMS

OS9/osteosarcoma amplified 9; Polyclonal Antibody; Anti-OS9/osteosarcoma amplified 9 Antibody; Rabbit Polyclonal; OS9/osteosarcoma amplified 9 Antibody; Rabbit PAb; Antigen Affinity Purified; osteosarcoma amplified 9; endoplasmic reticulum lectin; Anti-ERLEC2 Antibody; Anti-OS-9 Antibody; anti-OS9 antibody

PRODUCT SPECIFICATIONS

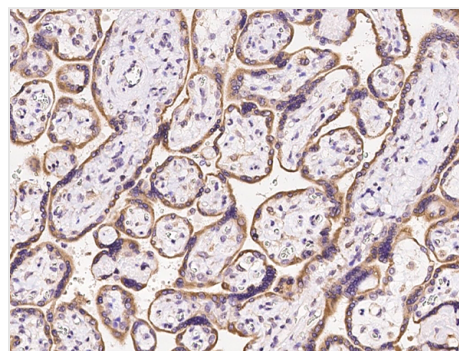
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human OS9/osteosarcoma amplified 9
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-OS9 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human OS9/osteosarcoma amplified 9 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human OS9/osteosarcoma amplified 9 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human OS9 in human pancreas with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human OS9 in human placenta with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-OS9 antibody	OS9 (OS9 Endoplasmic Reticulum Lectin) is a Protein Coding gene. The OS9 gene, located on 12q13.3-q14.1, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, zebrafish, and frog. OS9 is an ER-resident glycoprotein containing a mannose-6-phosphate receptor homology domain, which is also found in yeast and mammalian lectins involved in endoplasmic reticulum-associated degradation (ERAD). The OS9 protein plays an important role in ERAD and acts during Toll-like receptor-induced activation of myeloid cells. Diseases associated with OS9 include Submucous Uterine Fibroid and Amelogenesis Imperfecta, Hypoplastic/Hypomaturation, X-Linked 2. Among its related pathways are Regulation of activated PAK-2p34 by proteasome-mediated degradation and Signaling by GPCR. 181 organisms have orthologs with the human gene OS9.
References	Sun L, et al. (2015) A novel role of os-9 in the maintenance of intestinal barrier function from hypoxia-induced injury via p38-dependent pathway. Int J Biol Sci 11 (6): 664-671.Huttner S, et al. (2012) Unraveling the function of arabidopsis thaliana os9 in the endoplasmic reticulum-associated degradation of glycoproteins. Plant Mol Biol 79 (1-2): 21-33.Hofmann S, et al. (2013) Genome-wide association analysis reveals 12q13.3-q14.1 as new risk locus for sarcoidosis. Eur Respir J 41 (4): 888-900.

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/os9-osteosarcoma-amplified-9-antibody-immunohistochemistry-elisa/256028>