Datasheet for ABIN540352

anti-OS9 antibody (AA 300-400)

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Overview

Quantity:	100 µL
Target:	OS9
Binding Specificity:	AA 300-400
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OS9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of OS9.
Immunogen:	A synthetic peptide corresponding to amino acids 300-400 of human OS9.
Specificity:	This antibody is specific to isoforms 1 and 2 of human OS-9.
Cross-Reactivity:	Human, Mouse
Characteristics:	Antibody Reactive Against Synthetic Peptide.

Target Details

Target:	OS9
Alternative Name:	OS9 (OS9 Products)

Target Details

Gene ID:	10956
Pathways:	Maintenance of Protein Location, SARS-CoV-2 Protein Interactome

Application Details

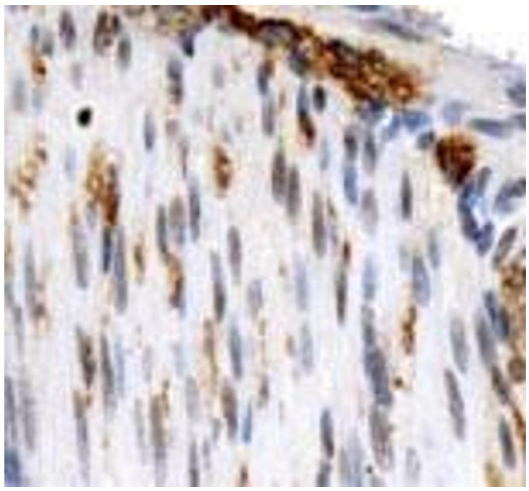
Application Notes:	Immunofluorescence (0.2-1 µg/mL) Immunohistochemistry (0.5-1 µg/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:100-1:250) Western Blot (0.2-1 µg/mL) The optimal working dilution should be determined by the end user
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In Tris-citrate/phosphate buffer, pH 7.0-8.0 (0.01 % sodium azide)
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 4°C. Do not freeze.

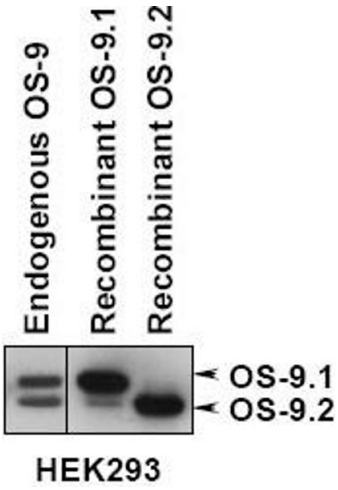
Publications

Product cited in:	Bernasconi, Pertel, Luban, Molinari: "A dual task for the Xbp1-responsive OS-9 variants in the mammalian endoplasmic reticulum: inhibiting secretion of misfolded protein conformers and enhancing their disposal." in: **The Journal of biological chemistry**, Vol. 283, Issue 24, pp. 16446-54, (2008) (PubMed).



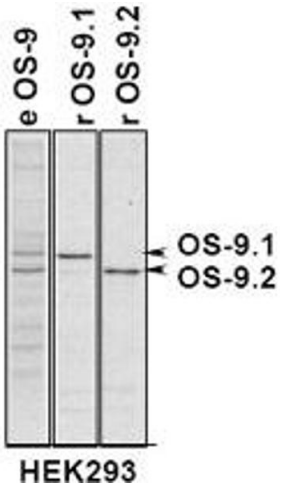
Immunohistochemistry

Image 1. Immunohistochemical staining of OS9 on mouse smooth muscle using with OS9 polyclonal antibody .



Western Blotting

Image 2. Western blot analysis of OS9 in lysates of 293 cells expressing OS-9.1 and OS-9.2 with OS9 polyclonal antibody .



Immunoprecipitation

Image 3. Immunoprecipitation of OS9 in 293 cells expressing OS9.1 and OS9.2 with OS9 polyclonal antibody .