Datasheet for ABIN363453

anti-OS9 antibody (Isoform 1)

2 Images

Go to Product page

Overview

Quantity:	0.1 mL
Target:	OS9
Binding Specificity:	AA 300-400, Isoform 1
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Synthetic peptide made to an internal portion of isoform 1 of the human protein (within residues 300-400)
Specificity:	Reacts with isoforms 1 and 2 of human OS-9
Cross-Reactivity:	Mouse (Murine)
Cross-Reactivity (Details):	May cross reacts with mouse protein (94 % sequence homology).
Purification:	Purified

Target Details

Target:	OS9
Alternative Name:	Amplified in Osteosarcoma 9 (OS-9) (OS9 Products)

Target Details

Background:	OS9 is an ER glycoprotein found in the intralumenal level and highly expressed in tumor tissue. The OS9 gene is transcriptionally induced upon activation of the Ire1/Xbp1 ER-stress pathway.
Pathways:	Maintenance of Protein Location, SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Working dilution: Optimal dilution should be determined by the end user. The following are guidelines only : - IF : 0.2 to 1 µg/mL - IP : 0.2 to 1 µg/mL - WB : 0.2 to 1 µg/mL - IHC : 0.5-1.0 µg/mL - IHC - P : 1:100-1:250
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Tris-citrate, phosphate, (pH 7-8) buffer, Sodium azide 0.01 %
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	WB, ICC/IF, IHC, IHC-P, IP
Storage:	4 °C
Storage Comment:	Store at 4°C. Do not freeze.

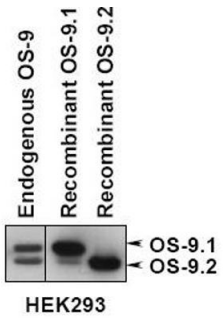

Image 1.

Detection of OS-9.1 and OS-9.2
in total HEK293 cells,
HEK293 cells expressing
OS-9.1 or OS-9.2 by western analysis

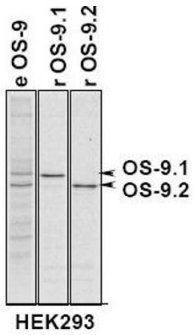

Image 2.

Immunoprecipitation of OS-9.1 and
OS-9.2 in total HEK293 cells,
HEK293 cells expressing OS-9.1 or OS-9.2