

## OS9 Polyclonal Antibody

Catalog number: 10061-1-AP

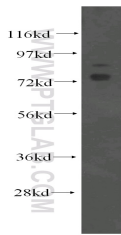
Size: 20 µg/150 µl

Source: Rabbit

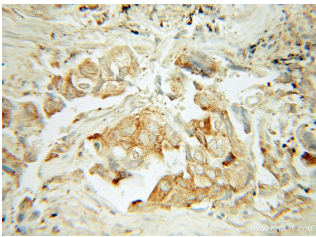
Isotype: IgG

Synonyms:

OS9; OS-9



HEK-293 cells were subjected to SDS PAGE followed by western blot with 10061-1-AP(OS9 Antibody) at dilution of 1:300



Immunohistochemistry of paraffin-embedded human lung cancer using 10061-1-AP(OS9 Antibody) at Dilution 1:50 (under 10x lens)

### Background

OS-9 is a ubiquitously expressed endoplasmic reticulum (ER)-associated protein originally identified as being amplified in certain osteosarcomas. It functions in ER quality control and ER-associated degradation (ERAD). There are three isoforms of this protein: OS-9.1, OS-9.2 and OS-9.3. The longest isoform, OS-9.1, contains 667 aa, OS-9.2 lacks aa 535-589, whereas OS-9.3 lacks aa 456-470 and 535-589. OS-9.1 and OS-9.2 are N-glycosylated, ubiquitously expressed in human tissues, and amplified in tumors. Isoform 2 is the major isoform detected in all cell types examined. This antibody can recognize all three isoforms of OS-9.

### Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	IF, WB
Species specificity:	Human; other species not tested.
Cited species:	Human
Positive WB detected in:	HEK-293 cells, HeLa cells
Calculated OS9 MW:	73.4kd
Observed OS9 MW:	73kd
Positive IHC detected in:	Human lung cancer
Recommended dilution:	WB: 1:200-1:1000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation, FC = Flow cytometry

### Immunogen information

Immunogen:	Ag0106
GenBank accession number:	BC000532
Gene ID (NCBI):	10956
Full name:	Osteosarcoma amplified 9, endoplasmic reticulum associated protein

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.