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Rabbit Anti-OS9 antibody

SL5901R

Product Name:	OS9
Chinese Name:	OS-9蛋白抗体
Alias:	lified in osteosarcoma 9; amplified in osteosarcoma; OS-9; Os9; OS9_HUMAN; Protein OS-9.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	76kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human OS9:101-200/667
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Lectin which functions in endoplasmic reticulum (ER) quality control and ER-associated degradation (ERAD). May bind terminally misfolded non-glycosylated proteins as well as improperly folded glycoproteins, retain them in the ER, and possibly transfer them to the ubiquitination machinery and promote their degradation. Possible targets include TRPV4.

Function:
Lectin which functions in endoplasmic reticulum (ER) quality control and ER-associated degradation (ERAD). May bind terminally misfolded non-glycosylated proteins as well as improperly folded glycoproteins, retain them in the ER, and possibly transfer them to the ubiquitination machinery and promote their degradation. Possible targets include TRPV4.

Subunit:
Probably part of the HRD1 ubiquitin ligase complex composed at least of SYVN1/HRD1 and SEL1L with which it interacts directly. Through this complex it may interact with ERLEC1 and HSPA5. Interacts with DERL2. Interacts with HSP90B1 and CREB3.

Subcellular Location:
ndoplasmic reticulum lumen.

Tissue Specificity:
Ubiquitously expressed. Found as well in all tumor cell lines analyzed, amplified in sarcomas. Highly expressed in osteosarcoma SJSA-1 and rhabdomyosarcoma Rh30 cell lines. Isoform 2 is the major isoform detected in all cell types examined.

Post-translational modifications:
Intramolecular disulfide bonds.
Isoform 1 and isoform 2 are N-glycosylated.

Similarity:
Belongs to the OS-9 family.
Contains 1 PRKCSH domain.

SWISS:
Q13438

Gene ID:
10956

Database links:

Entrez Gene: 10956Human

Entrez Gene: 216440Mouse

Entrez Gene: 362891Rat

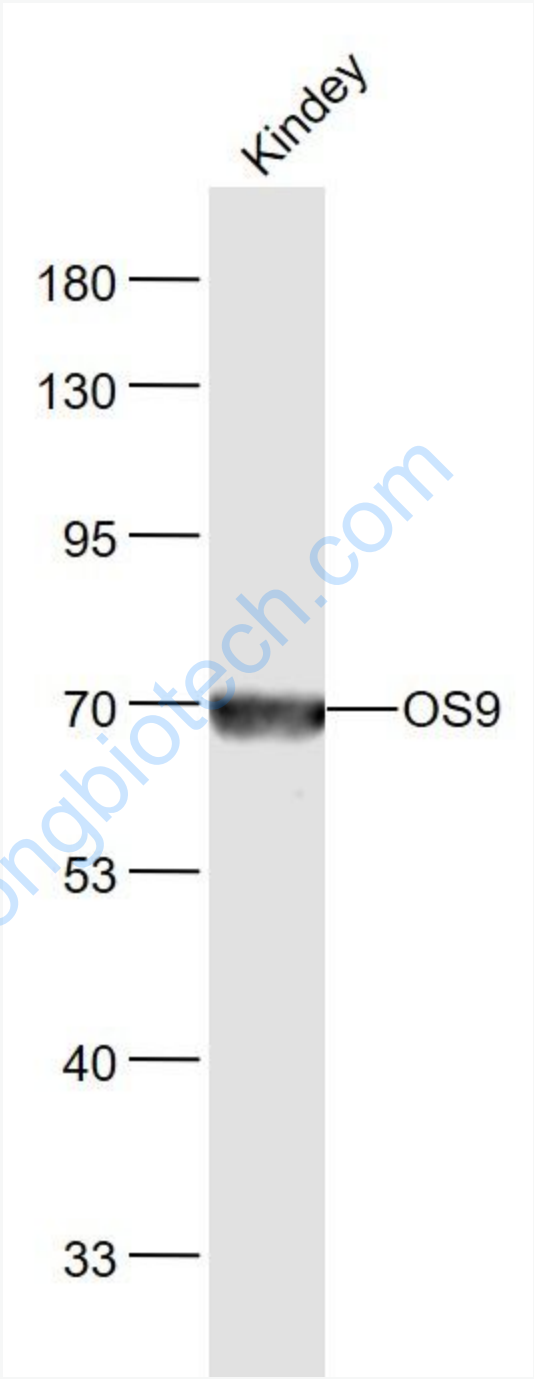
Omim: 609677Human

SwissProt: Q13438Human

SwissProt: Q8K2C7Mouse

	SwissProt: Q5RKH6Rat Unigene: 527861Human Unigene: 295246Mouse Unigene: 1579Rat **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

Kindey (Mouse) Lysate at 40 ug

Primary: Anti-OS9 (bs-5901CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 76 kD

	Observed band size: 70 kD