

OS9 Antibody

Catalog No: #36669

Package Size: #36669 100ul

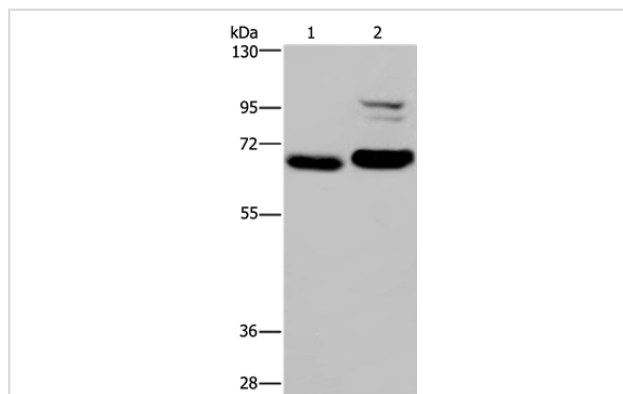
Description

Product Name	OS9 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total OS9 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human osteosarcoma amplified 9, endoplasmic reticulum lectin
Conjugates	Unconjugated
Target Name	OS9
Other Names	OS-9; ERLEC2
Accession No.	Swiss-Prot#: Q13438NCBI Gene ID: 10956Gene Accssion: BC007254
SDS-PAGE MW	76kd
Concentration	2.4mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-1:2000

Images



Gel: 6%SDS-PAGE
Lysates (from left to right): K562 and NIH/3T3 cell
Amount of lysate: 40ug per lane
Primary antibody: 1/200 dilution
Secondary antibody dilution: 1/8000
Exposure time: 3 minutes

Background

This gene encodes a protein that is highly expressed in osteosarcomas. This protein binds to the hypoxia-inducible factor 1 (HIF-1), a key regulator of

the hypoxic response and angiogenesis, and promotes the degradation of one of its subunits. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

Published Papers

el at., Peroxiredoxin 4 deficiency induces accelerated ovarian aging through destroyed proteostasis in granulosa cells. In Biochim Biophys Acta Mol Basis Dis on 2024 Oct by Xiaofei Zou, Xiuru Liang et al..PMID:38971505, , (2024)
[PMID:38971505](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.