

Anti-OS9 Antibody (8Y654)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human, Mouse
Conjugation:	Unconjugated
Clone:	8Y654
Purification:	Affinity-chromatography

Applications

Verified Activity:	<p>1. Western Blot</p> <ul style="list-style-type: none">-Positive WB detected in: HL-60 whole cell lysate, Hela whole cell lysate, Mouse kidney tissue-All lanes: OS9 antibody at 1:2000-Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution-Predicted band size: 76, 70, 68, 74, 66, 64, 70, 61 kDa-Observed band size: 72-95 kDa <p>2. IHC image of TMAH-00846 diluted at 1:100 and staining in paraffin-embedded human pancreatic tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.</p>
Application:	ELISA, WB, IHC
Recommended	WB:1:500-1:2000; IHC:1:50-1:200.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: Human OS9
Antigen Species:	Human
Gene ID:	10956
Uniprot ID:	Q13438
Synonyms:	Amplified in osteosarcoma 9;OS 9;Protein OS-9
Biology Area:	Epigenetics and Nuclear Signaling, Cancer, Cardiovascular, Metabolism

Research Background

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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