

DATASHEET

OS-9 Rabbit Polyclonal Antibody

CAT. NO. APA16378

KEY FEATURES

Target	OS-9	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Lectin component of the HRD1 complex, which functions in endoplasmic reticulum (ER) quality control and ER-associated degradation (ERAD) quality control and ER-associated degradation (ERAD). Specifically recognizes and binds improperly folded glycoproteins as well as hyperglycosylated proteins, retain them in the ER, and transfers them to the ubiquitination machinery and promote their degradation. Possible targets include TRPV4 as well as hyperglycosylated HSP90B1.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

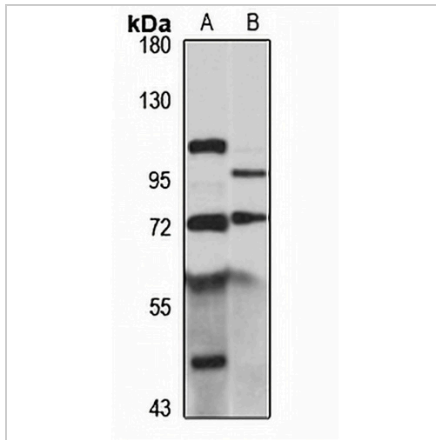
Description	Rabbit polyclonal antibody to OS-9
Specificity	Recognizes endogenous levels of OS-9 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human OS-9. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 60; Observed: 73 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Protein OS-9; Amplified in osteosarcoma 9
Gene Symbol	OS9
Entrez Gene	10956(Human); 216440(Mouse); 362891(Rat)
SwissProt	Q13438(Human); Q8K2C7(Mouse); Q5RKH6(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of OS-9 expression in HeLa (A), mouse liver (B) whole cell lysates.
(Predicted band size: 60; 63; 65; 67; 69; 73; 75 kD; Observed band size: 73 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.