

DATASHEET

HSP78 Rabbit Polyclonal Antibody

CAT. NO. APA15330

KEY FEATURES

Target	HSP78	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

Functions as a regulatory ATPase and participates in secretion/protein trafficking process. Has ATP-dependent protein disaggregase activity and is required to maintain the solubility of key mitochondrial proteins. Involved in mitochondrial-mediated antiviral innate immunity, activates RIG-I-mediated signal transduction and production of IFN β 1 and pro-inflammatory cytokine IL6. Plays a role in granulocyte differentiation.

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

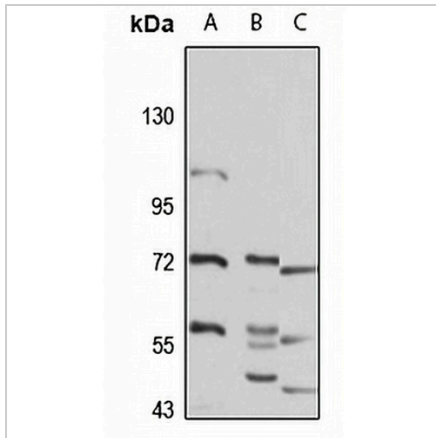
Description	Rabbit polyclonal antibody to HSP78
Specificity	Recognizes endogenous levels of HSP78 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human HSP78. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 57; Observed: 79 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	HSP78; SKD3; Caseinolytic peptidase B protein homolog; Suppressor of potassium transport defect 3
Gene Symbol	CLPB
Entrez Gene	81570(Human); 20480(Mouse); 65041(Rat)
SwissProt	Q9H078(Human); Q60649(Mouse); Q9WTT2(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 HSP78 expression in MCF7 (A), mouse brain (B), rat brain (C) whole cell lysates. (Predicted band size: 57; 72; 74; 75; 78 kD; Observed band size: 79 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.