

DATASHEET

HSPB9 Rabbit Polyclonal Antibody

CAT. NO. APA18511

KEY FEATURES

| | | | |
|---------------|-----------------------------------------------------------------------------------------------------------|---------------|---------------------|
| Target | HSPB9 | Source / Host | Rabbit |
| Reactivity | Human | 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

Heat shock protein beta-9 (HSPB9), also known as Cancer/testis antigen 51, CT51, Heat shock protein family B member 9. Belongs to the small heat shock protein (HSP20) family Subcellular location: Cytoplasm; Nucleus Tissue specificity: Testis specific

APPLICATION

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

| | |
|----|----------------|
| WB | 1:500 - 1:1000 |
|----|----------------|

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

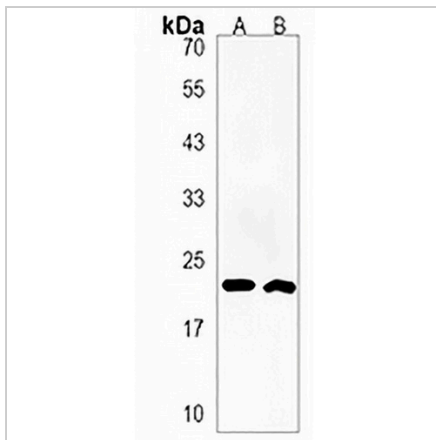
| | |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Description | Rabbit polyclonal antibody to HSPB9 |
| Specificity | Recognizes endogenous levels of HSPB9 protein. |
| Antibody Type | Primary antibody |
| Immunogen | KLH-conjugated synthetic peptide encompassing a sequence within the Central region of human HSPB9. The exact sequence is proprietary. |
| Purification | The antibody was purified by immunogen affinity chromatography. |
| Molecular Weight | Predicted: 17 kD; Observed: 23 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 | Heat shock protein beta-9; HspB9; Cancer/testis antigen 51; CT51 |
| Gene Symbol | HSPB9 |
| Entrez Gene | 94086(Human) |
| SwissProt | Q9BQS6(Human) |

*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 HSPB9 expression in human testis (A), A549 (B) whole cell lysates. (Predicted band size: 17 kD; Observed band size: 23 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.