

Anti-AHA1 Picoband Antibody
Catalog # ABO10321**Specification**

Anti-AHA1 Picoband Antibody - Product Information

Application	WB, E
Primary Accession	O95433
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for AHA1 detection. Tested with WB, Direct ELISA in Human;Mouse;Rat.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-AHA1 Picoband Antibody - Additional Information

Gene ID 10598

Other Names

Activator of 90 kDa heat shock protein ATPase homolog 1, AHA1, p38, AHSA1, C14orf3

Application Details

Western blot, 0.1-0.5 µg/ml
 Direct ELISA, 0.1-0.5 µg/ml

Subcellular Localization

Cytoplasm, cytosol.

Tissue Specificity

Expressed in numerous tissues, including brain, heart, skeletal muscle and kidney and, at lower levels, liver and placenta.

Contents

Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg NaN₃.

Immunogen

E. coli-derived human AHA1 recombinant protein (Position: N21-F338).

Cross Reactivity

No cross reactivity with other proteins.

Storage

At -20°C; for one year. After r° Constitution, at 4°C; for one month. It°Can also be aliquotted and stored frozen at -20°C; for a longer time. Avoid repeated freezing and

thawing.

Anti-AHA1 Picoband Antibody - Protein Information

Name AHSA1

Synonyms C14orf3

Function

Acts as a co-chaperone of HSP90AA1 (PubMed:29127155). Activates the ATPase activity of HSP90AA1 leading to increase in its chaperone activity (PubMed:29127155). Competes with the inhibitory co- chaperone FNIP1 for binding to HSP90AA1, thereby providing a reciprocal regulatory mechanism for chaperoning of client proteins (PubMed:27353360). Competes with the inhibitory co-chaperone TSC1 for binding to HSP90AA1, thereby providing a reciprocal regulatory mechanism for chaperoning of client proteins (PubMed:29127155).

Cellular Location

Cytoplasm, cytosol. Endoplasmic reticulum. Note=May transiently interact with the endoplasmic reticulum

Tissue Location

Expressed in numerous tissues, including brain, heart, skeletal muscle and kidney and, at lower levels, liver and placenta.

Anti-AHA1 Picoband Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-AHA1 Picoband Antibody - Images

Anti-AHA1 Picoband Antibody - Background

Activator of 90 kDa heat shock protein ATPase homolog 1 is an enzyme that in humans is encoded by the AHSA1 gene. The International Radiation Hybrid Mapping Consortium mapped the AHSA1 gene to chromosome 14. It acts as a co-chaperone of HSP90AA1. AHSA1 competes with the inhibitory co-chaperone FNIP1 for binding to HSP90AA1, thereby providing a reciprocal regulatory mechanism for chaperoning of client proteins