

Anti-HSP60 (T547) HSPD1 Antibody

Catalog Number: A01280T547

About HSPD1

Key calcium ion sensor involved in the Ca²⁺-triggered synaptic vesicle-plasma membrane fusion. Plays a role in the sarcolemma repair mechanism of both skeletal muscle and cardiomyocytes that permits rapid resealing of membranes disrupted by mechanical stress By similarity.

Delia J. Hernández-Deviez, Hum. Mol. Genet., Jan 2006; 15: 129 - 142.

Yanchao Huang, FASEB J, Mar 2007; 21: 732 - 742.

Mengfatt Ho, Hum. Mol. Genet., Sep 2004; 13: 1999 - 2010.

Eriko Fujita, Hum. Mol. Genet., Mar 2007; 16: 618 - 629.

Overview

Product Name	Anti-HSP60 (T547) HSPD1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-HSP60 (T547) HSPD1 Antibody catalog # A01280T547. Tested in WB,IHC,IF applications. This antibody reacts with Human,Mouse,Rat.
Application	IF, IHC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P10809

Technical Details

Immunogen	Synthesized peptide derived from human Tie-2 around the phosphorylation site of Y992.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB: 1:500-1:1000 IHC: 1:50-1:200 IF: 1:50-1:200</p>

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