

laspp antibody

Cat. No. GTX48696

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P, ELISA
Reactivity	Human

Package
50 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000-1:5000
IHC-P	1:1000-1:5000
ELISA	1:40000-1:160000

Not tested in other applications.

Calculated MW	89 kDa. (Note)
Product Note	Expect reactivity against both isoform 1 and isoform 2.

Properties

Form	Liquid
Buffer	20mM Potassium Phosphate, 150mM NaCl
Preservative	0.01% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1.1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide corresponding to an internal region near amino acids 775-800 of human laspp (isoform 1) protein.
Purification	Purified by antigen-affinity chromatography. From serum
Conjugation	Unconjugated



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Note

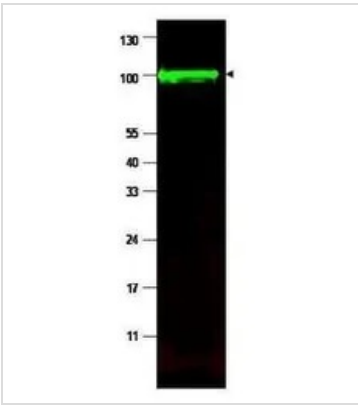
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DATA IMAGES



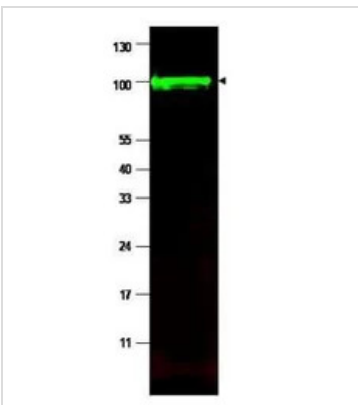
GTX48696 IHC-P Image

GeneTex's Affinity Purified anti-iASPP antibody shows strong cytoplasmic and membranous staining of myocytes in human heart tissue. Tissue was formalin-fixed and paraffin embedded. Brown color indicates presence of protein, blue color shows cell nuclei.



GTX48696 WB Image

Western blot using GeneTex's affinity purified anti-iASPP antibody shows detection of a band at ~100 kDa (arrowhead) corresponding to isoform 1 of iASPP in MCF7 whole cell lysates. Preincubation with immunizing peptide blocks specific band staining (data not shown). Approximately 35 µg of lysate was separated by 4-20% Tris Glycine SDS-PAGE. After blocking, the membrane was probed with the primary antibody diluted to 1:1,500 in 5% BLOTTO/PBS overnight at 4°C. The membrane was washed and reacted with a 1:10,000 dilution of IRDye800 conjugated goat anti-Rabbit IgG [H&L] for 45 min at room temperature (800 nm channel, green). Molecular weight estimation was made by comparison to prestained MW markers. IRDye800 fluorescence image was captured using the OdysseyR Infrared Imaging System developed by LI-COR. IRDye is a trademark of LI-COR, Inc. Other detection systems will yield similar results.



GTX48696 WB Image

WB analysis of MCF-7 whole cell lysate using GTX48696 iaspp antibody.

Loading : 35 µg

Dilution : 1:500



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