

# Product Datasheet

## iASPP Antibody - BSA Free

### NBP1-77912

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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**NBP1-77912**

iASPP Antibody - BSA Free

Product Information	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

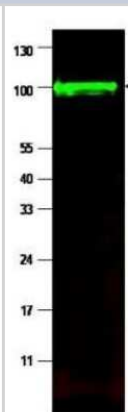
Product Description	
<b>Description</b>	<p>This affinity-purified antibody is directed against the human iASPP protein. The product was affinity purified from monospecific antiserum by immunoaffinity purification</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
<b>Host</b>	Rabbit
<b>Gene ID</b>	10848
<b>Gene Symbol</b>	PPP1R13L
<b>Species</b>	Human
<b>Reactivity Notes</b>	A BLAST analysis was used to suggest cross reactivity with iASPP proteins from human, dog and mouse sources. Expect reactivity against both isoform 1 and isoform 2. Partial reactivity may occur against iASPP from bovine. Reactivity against homologues from other sources is not known.
<b>Specificity/Sensitivity</b>	This affinity-purified antibody is directed against the human iASPP protein. A BLAST analysis was used to suggest cross reactivity with iASPP proteins from human, dog and mouse sources. Expect reactivity against both isoform 1 and isoform 2. Partial reactivity may occur against iASPP from bovine. Reactivity against homologues from other sources is not known.
<b>Immunogen</b>	This affinity purified iASPP Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to an internal region near amino acids 775-800 of human iASPP (isoform 1) protein. (Uniprot: Q8WUF5)

Product Application Details	
<b>Applications</b>	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:1000-1:5000, ELISA 1:40000-1:160000, Immunohistochemistry 1:1000-1:5000, Immunohistochemistry-Paraffin 1:10-1:500
<b>Application Notes</b>	This affinity purified antibody has been tested for use in ELISA, immunohistochemistry and by western blot. Specific conditions for reactivity should be optimized by the end user. Expect bands approximately 100 kDa and 50 kDa in size corresponding to isoforms 1 and 2 respectively of iASPP protein by western blotting in the appropriate cell lysate or extract.

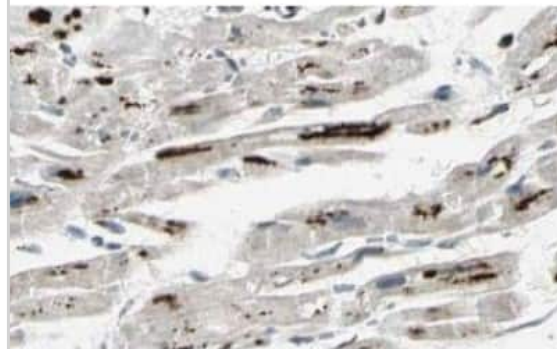


## Images

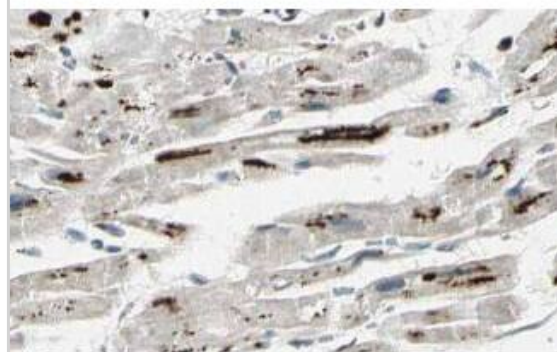
Western Blot: iASPP Antibody [NBP1-77912] - Shows detection of a band at ~100 kDa (arrowhead) corresponding to isoform 1 of iASPP in MCF7 whole cell lysates. Preincubation with immunizing peptide blocks specific band staining (data not shown). Approximately 35 ug of lysate was separated by 4-20% Tris Glycine SDS-PAGE. After blocking, the membrane was probed with the primary antibody diluted to 1:1,500 in 5% BLOTTO/PBS overnight at 4C. The membrane was washed and reacted with a 1:10,000 dilution of IRDye800 conjugated Gt-a-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.



Immunohistochemistry: iASPP Antibody [NBP1-77912] - 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.



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. Personal Communication, Kenneth Wester, [www.proteinatlas.org](http://www.proteinatlas.org), Uppsala, Sweden.





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### **Products Related to NBP1-77912**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-38879PEP	iASPP Recombinant Protein Antigen

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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