

# Product Datasheet

## HAUS8 [p Ser70] Antibody - BSA Free NBP2-19128

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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**NBP2-19128**

HAUS8 [p Ser70] Antibody - BSA Free

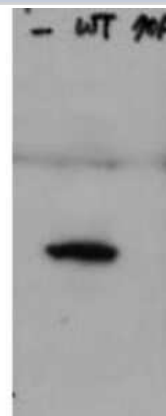
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</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
<b>Product Description</b>	
<b>Description</b>	<p>HAUS8 affinity purified antibody is directed against the phosphorylated form of human Hice1 protein at the S70 residue. The product was affinity purified from monospecific antiserum by immunoaffinity purification. Antiserum was first purified against the phosphorylated form of the immunizing peptide. The resultant affinity purified antibody was then cross adsorbed against the non-phosphorylated form of the immunizing peptide</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>	93323
<b>Gene Symbol</b>	HAUS8
<b>Species</b>	Human
<b>Reactivity Notes</b>	Reactivity against homologues from other sources is not known
<b>Specificity/Sensitivity</b>	HAUS8 pS70 affinity purified antibody is directed against the phosphorylated form of human HAUS8 protein at the S70 residue. The resultant affinity purified antibody was then cross adsorbed against the non-phosphorylated form of the immunizing peptide. The antibody is specific for the phosphorylated form of HAUS8. Reactivity with non-phosphorylated human HAUS8 is minimal by ELISA and western blot. A BLAST analysis was used to suggest cross reactivity with HAUS8 from human based on 100% sequence homology with the immunogen. Reactivity against homologues from other sources is not known.
<b>Immunogen</b>	HAUS8 [p Ser70] Antibody was prepared by repeated immunizations with a phosphorylated synthetic peptide corresponding to the region of amino acids containing serine 70 of HAUS8. (Uniprot: Q9BT25)
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA
<b>Recommended Dilutions</b>	Western Blot 1.22 ug/ml, ELISA 1:17000-1:45000

**Application Notes**

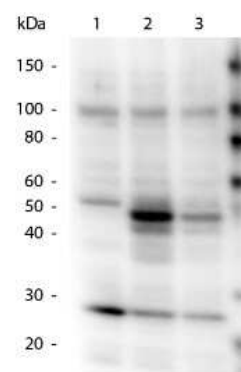
This product has been tested for use in ELISA and by western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 44.9 kDa in size corresponding to human phosphorylated Hice1 protein by western blotting in the appropriate stimulated tissue or cell lysate or extract.

**Images**

Western Blot: HAUS8 [p Ser70] Antibody [NBP2-19128] - Lane 1: HeLa cell extracts of untransfected cells. Lane 2: transfected HeLa cell extracts with Flag X3-Hice1 WT. Lane 3: transfected HeLa cell extracts with Flag X3-Hice1 S70A mutant. Load: 35 ug per lane. Hice1 pS70 antibody at 0.5 ug/mL for overnight at 4C. Secondary antibody: Dye800 Conjugated Goat Anti-Rabbit IgG secondary antibody at 1:10000 for 45 min at RT. Block: 5% Blocking Buffer overnight at 4C. Predicted/Observed size: 44.8 kDa, 48 kDa for Hice1 pS70. Other band: none.



Western Blot: HAUS8 [p Ser70] Antibody [NBP2-19128] - Lane 1: 293T Null. Lane 2: 293T WT Hice1. Lane 3: 293T S70A Hice1. Load: 14 ul per lane. Primary antibody: HICE1 pS70 antibody at 0.75 ug/mL overnight at 4C. Secondary antibody: Peroxidase rabbit secondary antibody at 1:40,000 for 30 min at RT. Block: incubated with blocking buffer for 30 min at RT. Predicted/Observed size: 48 kDa, 48 kDa for HICE1 pS70. Other band(s): HICE1 pS70 splice variants and isoforms.



Western Blot of Rabbit Anti-Hice1 pS70 antibody. Lane 1: HeLa cell extracts of untransfected cells (-). Lane 2: transfected HeLa cell extracts with Flag X3-Hice1 WT (WT). Lane 3: transfected HeLa cell extracts with Flag X3-Hice1 S70A mutant (70A). Load: 35ug per lane. Primary antibody: Hice1 pS70 antibody at 0.5ug/mL for overnight at 4C. Secondary antibody:IRDye800(TM) Conjugated Goat Anti-Rabbit IgG secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4C. Predicted/Observed size: 44.8 kDa, 48 kDa for Hice1 pS70.





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### **Products Related to NBP2-19128**

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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
H00093323-P01-10ug	Recombinant Human HAUS8 GST (N-Term) Protein

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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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