

Product Datasheet

GSAP Antibody - BSA Free NBP1-78400-0.1ml

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-78400-0.1ml

GSAP Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS and 30% Glycerol

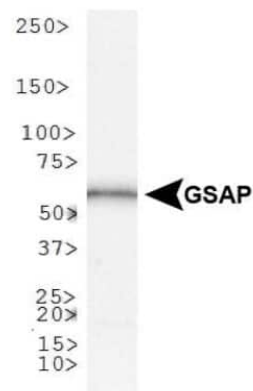
Product Description	
Description	Novus Biologicals Rabbit GSAP Antibody - BSA Free (NBP1-78400) is a polyclonal antibody validated for use in WB and Simple Western. Anti-GSAP Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	54103
Gene Symbol	PION
Species	Human
Immunogen	A synthetic peptide made to an internal portion of the human GSAP protein (between residues 150-200) [UniProt A4D1B5]

Product Application Details	
Applications	Western Blot, Simple Western
Recommended Dilutions	Western Blot 1:1000, Simple Western 1:100
Application Notes	<p>This GSAP antibody is useful for Western Blot where a band is observed ~65 kDa representing Isoform 2/3 of GSAP.</p> <p>In Simple Western only 10 - 15 uL of the recommended dilution is used per data point.</p> <p>See Simple Western Antibody Database for Simple Western validation: Tested in HepG2 lysate 0.5 mg/mL, separated by Size, antibody dilution of 1:100. Separated by Size-Wes, Sally Sue/Peggy Sue.</p>

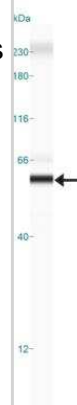


Images

Western Blot: GSAP Antibody [NBP1-78400] - Analysis of GSAP in HepG2 cell lysate.



Simple Western: GSAP Antibody [NBP1-78400] - Simple Western lane view shows a specific band for GSAP in 0.5 mg/ml of HepG2 lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Publications

Jin, C;Wang, J;Wang, Y;Jia, B;Guo, X;Yang, G;Xu, P;Greengard, P;Zhou, R;Shi, Y; Modulation of amyloid precursor protein cleavage by gamma-secretase activating protein through phase separation Proceedings of the National Academy of Sciences of the United States of America [PMID: 35298330]

Procedures

Protocol specific for GSAP antibody (NBP1-78376) WB

Western Blot Protocol

1. Perform SDS-PAGE on samples to be analyzed, loading 40 ug of total protein per lane.
2. Transfer proteins to membrane according to the instructions provided by the manufacturer of the membrane and transfer apparatus.
3. Stain according to standard Ponceau S procedure (or similar product) to assess transfer success, and mark molecular weight standards where appropriate.
4. Rinse the blot.
5. Block the membrane using standard blocking buffer for at least 1 hour.
6. Wash the membrane in wash buffer three times for 10 minutes each.
7. Dilute primary antibody in blocking buffer and incubate 1 hour at room temperature.
8. Wash the membrane in wash buffer three times for 10 minutes each.
9. Apply the diluted HRP conjugated secondary antibody in blocking buffer (as per manufacturers instructions) and incubate 1 hour at room temperature.
10. Wash the blot in wash buffer three times for 10 minutes each (this step can be repeated as required to reduce background).
11. Apply the detection reagent of choice in accordance with the manufacturers instructions.

Note: Tween-20 can be added to the blocking or antibody dilution buffer at a final concentration of 0.05-0.2%.

*The above information is only intended as a guide. The researcher should determine what protocol best meets their needs. Please follow safe laboratory procedures.





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Products Related to NBP1-78400-0.1ml

NBP1-42569	HepG2 Whole Cell Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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