Product Datasheet

GSAP Antibody
NBP1-78376SS

Unit Size: 0.025 ml

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

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Updated 2/9/2014 v.20.1

NBP1-78376SS

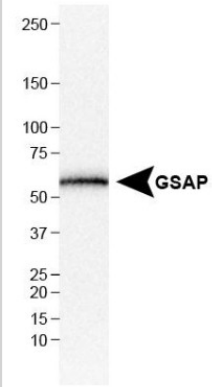
GSAP Antibody

Product Information	
Unit Size	0.025 ml
Concentration	1.11 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
Purity	Affinity purified
Buffer	PBS, 30% glycerol

Product Description	
Host	Rabbit
Gene ID	54103
Gene Symbol	PION
Species	Human
Species Reactivity	Human.
Immunogen	A synthetic peptide made to an internal portion of the human GSAP protein (between residues 100-150) [UniProt A4D1B5]

Product Application Details	
Applications	Western Blot, Simple Western
Recommended Dilutions	Western Blot 1:1000, Simple Western 1:100
Application Notes	This GSAP antibody is useful for Western Blot where a band is observed ~65 kDa representing Isoform 2/3 of GSAP.In Simple Western only 10-15 uL of the recommended dilution is used per data point.

Images

Western Blot: GSAP Antibody [NBP1-78376] - Analysis of GSAP in HepG2 cell lysate.	
Simple Western: GSAP Antibody [NBP1-78376] - 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.	

Procedures

Western Blot protocol specific for GSAP antibody (NBP1-78376)
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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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.

For more information on our guarantee, please visit www.novusbio.com/guarantee.