

Product Datasheet

Hormone-sensitive Lipase/HSL Antibody NB110-37253

Unit Size: 0.05 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 5

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NB110-37253**Hormone-sensitive Lipase/HSL Antibody**

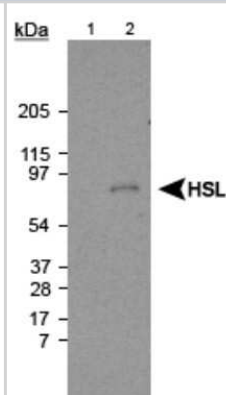
Product Information	
Unit Size	0.05 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	IgG purified
Buffer	PBS containing 1 mg/ml BSA

Product Description	
Description	Novus Biologicals Rabbit Hormone-sensitive Lipase/HSL Antibody (NB110-37253) is a polyclonal antibody validated for use in WB. Anti-Hormone-sensitive Lipase/HSL Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3991
Gene Symbol	LIPE
Species	Human, Mouse, Rat
Immunogen	A fusion protein containing an internal portion of the rat HSL protein (between residues 699-908). [Swiss-Prot P15304]

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1:100-1:2000
Application Notes	This HSL antibody is useful for Western Blot, where a band at ~84kDa is seen representing HSL protein. A non-specific band may be seen at ~89 kDa. Bands at ~102, 113, and 127 kDa may also be seen in the testis of sexually immature rats.

Images

Western Blot: HSL Antibody [NB110-37253] - Detection of HSL using NB110-37253. Lane 1: Liver extract (negative control) Lane 2: Fat extract (10ug) (positive sample).



Publications

Chen L, You Q, Liu M et al. Remodeling of dermal adipose tissue alleviates cutaneous toxicity induced by anti-EGFR therapy eLife 2022-03-24 [PMID: 35324426]

Zhao F, Ke J, Pan W et al. Synergistic effects of ISL1 and KDM6B on non-alcoholic fatty liver disease through the regulation of SNAI1 Molecular medicine (Cambridge, Mass.) 2022-01-31 [PMID: 35100965] (WB, Mouse)

Smagris E, BasuRay S, Li J et al. Pnpla3^{1148M} knockin mice accumulate PNPLA3 on lipid droplets and develop hepatic steatosis. Hepatology. 2014-06-10 [PMID: 24917523] (WB, Mouse)

Details:

Rabbit anti-mouse HSL (1:1000; Novus Biologicals, Littleton, CO) used in Western blot analysis of hepatic lipid droplet proteins of Pnpla3^{148M/M} and Pnpla3^{47A/A} KI mice(Fugure 6A)

Hagopian K, Tomilov AA, Tomilova N et al. Shc proteins influence the activities of enzymes involved in fatty acid oxidation and ketogenesis Metabolism 2012-06-07 [PMID: 22683097] (WB, Mouse)

Kraemer, FB et al. Detection of hormone-sensitive lipase in various tissues. J Lipid Res. 34(4):663-71. 1993-04-01 [PMID: 8496671] (WB, Rat)





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Products Related to NB110-37253

NB820-59170	Human Adipose Whole Tissue Lysate (Adult Whole Normal)
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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