

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

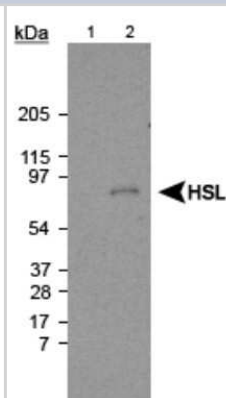
| Product Information | |
|---------------------|---|
| Unit Size | 0.05 ml |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative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

| Product Description | |
|---------------------|--|
| 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^{l148M} 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^{l148M/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) |
| 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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