


Product datasheet

Anti-Hormone sensitive lipase/HSL (phospho S855) antibody [EPR2330] ab76492

Recombinant RabMAb

[1 References](#) [2 Images](#)

Overview

Product name	Anti-Hormone sensitive lipase/HSL (phospho S855) antibody [EPR2330]
Description	Rabbit monoclonal [EPR2330] to Hormone sensitive lipase/HSL (phospho S855)
Host species	Rabbit
Specificity	Detects HSL/LIPE only when phosphorylated on Serine 855
Tested applications	Suitable for: WB Unsuitable for: ICC/IF, IHC-P or IP
Species reactivity	Reacts with: Human Predicted to work with: Mouse 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Human skeletal muscle lysate
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Rat: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture

	supernatant
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR2330
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab76492 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

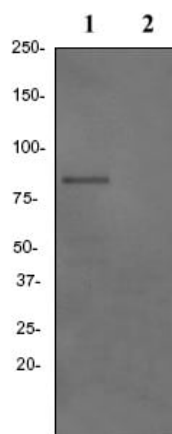
Application	Abreviews	Notes
WB		1/1000 - 1/5000. Predicted molecular weight: 117 , 83 kDa. Predicted molecular weight: 117 kDa (isoform 1) or 83 kDa (isoform 2).

Application notes Is unsuitable for ICC/IF, IHC-P or IP.

Target

Function	In adipose tissue and heart, it primarily hydrolyzes stored triglycerides to free fatty acids, while in steroidogenic tissues, it principally converts cholesteryl esters to free cholesterol for steroid hormone production.
Pathway	Glycerolipid metabolism; triacylglycerol degradation.
Sequence similarities	Belongs to the 'GDXG' lipolytic enzyme family.
Cellular localization	Cell membrane. Membrane > caveola. Cytoplasm > cytosol. Found in the high-density caveolae. Translocates to the cytoplasm from the caveolae upon insulin stimulation.

Images



Western blot - Anti-Hormone sensitive lipase/HSL (phospho S855) antibody [EPR2330] (ab76492)

All lanes : Anti-Hormone sensitive lipase/HSL (phospho S855) antibody [EPR2330] (ab76492) at 1/5000 dilution

Lane 1 : Human skeletal muscle lysate, untreated

Lane 2 : Human skeletal muscle lysate, treated with LP

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labeled goat anti-rabbit at 1/1000 dilution

Predicted band size: 117 , 83 kDa

Observed band size: 83 kDa

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Hormone sensitive lipase/HSL (phospho S855) antibody [EPR2330] (ab76492)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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