

# Human Hormone sensitive lipase/HSL peptide ab51487

### Description

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<b>Product name</b>	Human Hormone sensitive lipase/HSL peptide
<b>Animal free</b>	No
<b>Nature</b>	Synthetic
<b>Species</b>	Human

### Specifications

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Our **Abpromise guarantee** covers the use of **ab51487** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	Blocking - Blocking peptide for Anti-Hormone sensitive lipase/HSL antibody ( <a href="#">ab45422</a> )
<b>Form</b>	Liquid
<b>Additional notes</b>	This product was previously labelled as Hormone sensitive lipase

### Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C. pH: 7.20 Preservative: 0.02% Sodium azide Constituents: PBS, 0.1% BSA
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### General Info

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<b>Function</b>	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.
<b>Pathway</b>	Glycerolipid metabolism; triacylglycerol degradation.
<b>Sequence similarities</b>	Belongs to the 'GDXG' lipolytic enzyme family.
<b>Cellular localization</b>	Cell membrane. Membrane > caveola. Cytoplasm > cytosol. Found in the high-density caveolae. Translocates to the cytoplasm from the caveolae upon insulin stimulation.

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

### **Our Abpromise to you: Quality guaranteed and expert technical support**

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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