

## Rabbit Anti-Hrasls3/AP Conjugated antibody

SL2145R-AP

<b>Product Name</b>	Anti-Hrasls3/AP
<b>Chinese Name</b>	碱性磷酸酶 (AP) 标记的 HRAS 样抑制因子 3 抗体
<b>Alias</b>	H rev 107 protein homolog; HRAS like suppressor 3; HREV107 3; HREV107; Renal carcinoma antigen NY REN 65; Adipose specific phospholipase A2; Group XVI phospholipase A2; HREV107; HRSL3_MOUSE; AdPLA; HRSL3; HRASLS3; HREV107-1; HREV107-3; H-REV107-1.
<b>Research Area</b>	immunology
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Human,Rat(predicted:Mouse) IHC-P=1:100-500,IHC-F=1:100-500
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	18kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from the middle of mouse Hrasls3
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>Product Detail</b>	<b>background:</b> HRASLS3 specifically catalyzes the release of fatty acids from phospholipids in adipose tissue and also has a weak lysophospholipase activity. It is a tumor suppressor that may be involved in interferon-dependent cell death.

**Function:**

Exhibits PLA1/2 activity, catalyzing the calcium-independent hydrolysis of acyl groups in various phosphatidylcholines (PC) and phosphatidylethanolamine (PE). For most substrates, PLA1 activity is much higher than PLA2 activity. Specifically catalyzes the release of fatty acids from phospholipids in adipose tissue. N-and O-acylation activity is hardly detectable. Also has weak lysophospholipase activity.

**Subunit:**

Interacts with PPP2R1A; this interaction might decrease PP2A activity.

**Subcellular Location:**

Membrane; Single-pass membrane protein (Potential). Cytoplasm. Cytoplasm, perinuclear region.

**Tissue Specificity:**

Ubiquitously expressed in normal tissues but down-regulated in primary carcinomas or in many cell lines derived from tumors. Highly expressed in white adipose tissue and in adipocytes. Expressed at lower levels in brown adipose tissue.

**Similarity:**

Belongs to the H-rev107 family.

**Database links:**

[Entrez Gene: 11145](#) Human

[Entrez Gene: 225845](#) Mouse

[Omim: 613867](#) Human

[SwissProt: P53816](#) Human

[SwissProt: Q8R3U1](#) Mouse

[Unigene: 502775](#) Human

[Unigene: 274810](#) Mouse

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.