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Rabbit Anti-Hrasls3 antibody

SL2145R

Product Name:	Hrasls3
Chinese Name:	HRAS样抑制因子3抗体
Alias:	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.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	18kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from the middle of mouse Hrasls3:8-100/162
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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.

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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.

SWISS:
Q8R3U1

Gene ID:
225845

Database links:

Entrez Gene: 11145Human

Entrez Gene: 225845Mouse

Omim: 613867Human

SwissProt: P53816Human

SwissProt: Q8R3U1Mouse

Unigene: 502775Human

Unigene: 274810Mouse

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

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