



## Rabbit Anti-SASH1 antibody

SL6099R

<b>Product Name:</b>	SASH1
<b>Chinese Name:</b>	Tumour抑制基因PEPE1抗体
<b>Alias:</b>	PEPE 1; PEPE1; Proline glutamate repeat containing protein; Proline-glutamate repeat-containing protein; RP3 323M4.1; SAM and SH3 domain containing 1; SAM and SH3 domain containing protein 1; SAM and SH3 domain-containing protein 1; SASH 1; Sash1; SASH1_HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Dog,Cow,Horse,Rabbit,
<b>Applications:</b>	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.
<b>Molecular weight:</b>	137kDa
<b>Cellular localization:</b>	The nucleocytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human SASH1:421-520/1247
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% 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 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	SASH1 is a 1247 amino acid protein that is significantly downregulated in the majority of primary breast tumor tissues, breast cancer cell lines, lung and thyroid tumors, as well as in certain colon carcinomas. It has been hypothesized that its expression is suppressed not due to mutation of the SASH1 gene, but instead via other mechanisms,

such as promoter methylation. As a member of the SH3-domain containing expressed in lymphocytes (SLY1) gene family, SASH1 contains two sterile  $\alpha$  modules (SAMs) and one Src homology-3 (SH3) domain, motifs that are predominantly found in adaptors, scaffold proteins and signaling molecules. Downregulation of SASH1 expression correlates with the formation of distant metastasis and is considered a negative prognostic parameter for patient survival.

**Function:**

May have a role in a signaling pathway. Could act as a tumor suppressor.

**Tissue Specificity:**

Expressed ubiquitously, with highest levels in lung, placenta, spleen and thymus. Down-regulated in the majority (74%) of breast tumors in comparison with corresponding normal breast epithelial tissues.

**Similarity:**

ontains 2 SAM (sterile alpha motif) domains.  
Contains 1 SH3 domain.

**SWISS:**

O94885

**Gene ID:**

23328

**Database links:**

[Entrez Gene: 23328](#) Human

[Entrez Gene: 70097](#) Mouse

[Omim: 607955](#) Human

[SwissProt: O94885](#) Human

[SwissProt: P59808](#) Mouse

[Unigene: 193133](#) Human

[Unigene: 338275](#) Mouse

**Important Note:**

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

