10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SASH1 Antibody (Center) Blocking peptide

Synthetic peptide
Catalog # BP11563c

Specification

SASH1 Antibody (Center) Blocking peptide - Product Information

Primary Accession O94885

SASH1 Antibody (Center) Blocking peptide - Additional Information

Gene ID 23328

Other Names
SAM and SH3 domain-containing protein 1, Proline-glutamate repeat-containing protein, SASH1, KIAA0790, PEPE1

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

SASH1 Antibody (Center) Blocking peptide - Protein Information

Name SASH1

Synonyms KIAA0790, PEPE1

Function
Is a positive regulator of NF-kappa-B signaling downstream of TLR4 activation. It acts as a scaffold molecule to assemble a molecular complex that includes TRAF6, MAP3K7, CHUK and IKBKB, thereby facilitating NF-kappa-B signaling activation (PubMed:23776175). Regulates TRAF6 and MAP3K7 ubiquitination (PubMed:23776175). Involved in the regulation of cell mobility (PubMed:23333244, PubMed:23776175, PubMed:25315659). Regulates lipolysaccharide (LPS)-induced endothelial cell migration (PubMed:23776175). Is involved in the regulation of skin pigmentation through the control of melanocyte migration in the epidermis (PubMed:23333244).

Cellular Location

Cytoplasm.

Tissue Location
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. Expressed in the epidermis, epidermal keratinocytes, dermal fibroblasts and melanocytes (PubMed:23333244, PubMed:26203640).

SASH1 Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

SASH1 Antibody (Center) Blocking peptide - Images

SASH1 Antibody (Center) Blocking peptide - Background

SASH1 may have a role in a signaling pathway and could act as a tumor suppressor.

SASH1 Antibody (Center) Blocking peptide - References

Bailey, S.D., et al. Diabetes Care (2010) In press :Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Fellay, J., et al. PLoS Genet. 5 (12), E1000791 (2009) :Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)Heinzen, E.L., et al. J. Alzheimers Dis. (2009) In press :