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

Anti-RASGEF1A Antibody

Catalog # AP54077

Product Information

Application	WB, IHC
Primary Accession	Q8N9B8
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54556

Additional Information

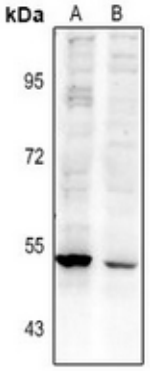
Gene ID	221002
Other Names	Ras-GEF domain-containing family member 1A
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human RASGEF1A. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

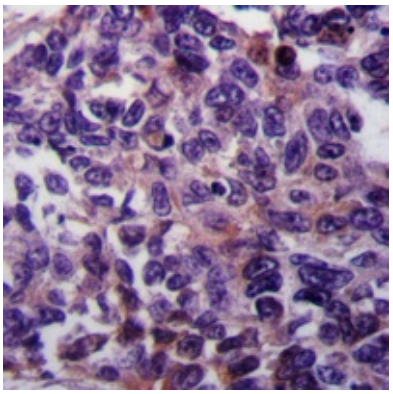
Protein Information

Name	RASGEF1A
Function	Guanine nucleotide exchange factor (GEF) with specificity for RAP2A, KRAS, HRAS, and NRAS (in vitro). Plays a role in cell migration.
Tissue Location	Detected in brain and spinal cord. Highly expressed in a number of intrahepatic cholangiocarcinoma tissue biopsies

Images

Western blot analysis of RASGEF1A expression in MCF7 (A), U87MG (B) whole cell lysates. (Predicted band size: 54 kD; Observed band size: 54 kD)





Immunohistochemical analysis of RASGEF1A staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.