For Research Use Only

GEFT Polyclonal antibody

Catalog Number:17028-1-AP



Basic Information	Catalog Number: 17028-1-AP	GenBank Accession Number: BC012860	Purification Method: Antigen affinity purification	
	Size: 240 µ g/ml Source: Rabbit	Genel D (NCBI): 115557	Recommended Dilutions: WB 1:200-1:1000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate	
		UNIPROT ID: Q86VW2		
	Isotype: IgG	Full Name: RhoA/RAC/CDC42 exchange factor		
	Immunogen Catalog Number: AG10436	Calculated MW: 64 kDa		
		Observed MW: 64 kDa		
Applications	Tested Applications: IP, WB, ELISA Species Specificity: human, mouse, rat	Positive Controls:		
		WB : human brain tissue, IP : HEK-293 cells,		
Background Information	GEFT, also named as p63RhoGEF, may play a role in actin cytoskeleton reorganization in different tissues since its activation induces formation of actin stress fibers. It works as a guanine nucleotide exchange factor for Rho family of small GTPases. GETF links specifically G alpha q/11-coupled receptors to RHOA activation. GEFT may be an important regulator of processes involved in axon and dendrite formation. In neurons seems to be an exchange factor primarily for RAC1. It is involved in skeletal myogenesis. GEFT is expressed as three isoforms (64, 53 and 68 kDa).			
Storage	Storage: Store at -20°C. Stable for one year after shipment. Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Aliquoting is unnecessary for -20°C storage			

 For technical support and original validation data for this product please contact:

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Selected Validation Data





human brain tissue were subjected to SDS PAGE followed by western blot with 17028-1-AP (GEFT antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours. IP result of anti-GEFT (IP:17028-1-AP, 4ug; Detection:17028-1-AP 1:400) with HEK-293 cells lysate 2000ug.