

For Research Use Only

GPR37 Polyclonal antibody

Catalog Number: 29989-1-AP



Basic Information

Catalog Number: 29989-1-AP	GenBank Accession Number: BC040007	Purification Method: Antigen affinity purification
Size: 1000 µg/ml	GeneID (NCBI): 2861	Recommended Dilutions: WB 1:1000-1:8000
Source: Rabbit	UNIPROT ID: O15354	
Isotype: IgG	Full Name: G protein-coupled receptor 37 (endothelin receptor type B-like)	
Immunogen Catalog Number: AG32431	Calculated MW: 67 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse brain tissue, mouse cerebellum tissue, rat brain tissue
Species Specificity: Human, mouse, rat	

Background Information

The orphan G protein-coupled receptor GPR37, also known as PAELR (parkin-associated endothelin receptor-like receptor) or ETBR-LP-1 (endothelin B receptor-like protein 1), is a 613 aa, multi-pass membrane protein predominantly expressed in the brain. It is a substrate of parkin (PARK2). When overexpressed in cells, GPR37 tends to become insoluble, unfolded, and ubiquitinated in vivo. Accumulation of the unfolded protein may lead to dopaminergic neuronal death in juvenile Parkinson disease (JPD).

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:

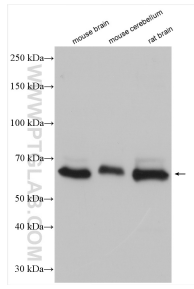
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29989-1-AP (GPR37 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.