

For Research Use Only

OXGR1 Polyclonal antibody, PBS Only

Catalog Number:22069-1-PBS



Basic Information

Catalog Number: 22069-1-PBS	GenBank Accession Number: BC103881	Purification Method: Antigen affinity purification
Concentration: 1 mg/ml	GeneID (NCBI): 27199	
Source: Rabbit	UNIPROT ID: Q96P68	
Isotype: IgG	Full Name: oxoglutarate (alpha-ketoglutarate) receptor 1	
Immunogen Catalog Number: AG17186	Calculated MW: 337 aa, 38 kDa	
	Observed MW: 38-42 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse

Background Information

2-oxoglutarate receptor 1(OXGR1) also known as GPR99, belongs to the G-protein coupled receptor family. OXGR1 is expressed in renal cortical connecting tubule and collecting duct type B intercalated cells. When stimulated by its ligand, OXGR1 mediates cellular calcium uptake, which acts as a signal to promote the chloride-bicarbonate exchanger SLC26A4. Dominant loss-of-function OXGR1 variants are associated with recurrent calcium oxalate NL/NC disease(PMID: 36571463).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

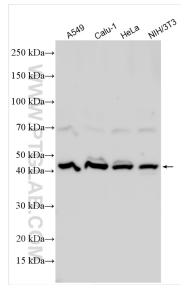
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 22069-1-AP (OXGR1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 22069-1-PBS in a different storage buffer formulation.