

Datasheet for ABIN7269133
anti-OXGR1 antibody (AA 50-150)



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1 Image

Overview

Quantity:	100 µL
Target:	OXGR1
Binding Specificity:	AA 50-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OXGR1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	OXGR1 Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 50-150 of human OXGR1 (NP_543008.3).
Sequence:	GNAVVISTYI FKMRPWKSST IIMLN LACTD LLYLTSLPFL IHYYASGENW IFGDFMCKFI RFSFHFNLYS SILFLTCFSI FRYCVIIHPM SCFSIHKTRC A
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

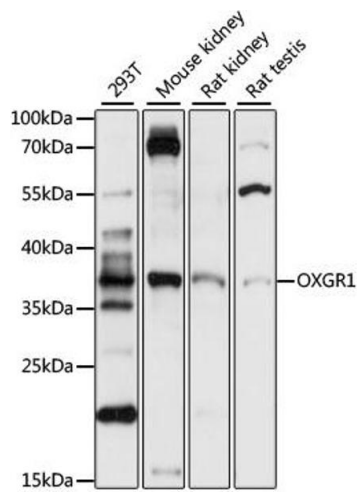
Target:	OXGR1
Alternative Name:	OXGR1 (OXGR1 Products)
Background:	<p>This gene encodes a G protein-coupled receptor (GPCR) that belongs to the oxoglutarate receptor family within the GPCR superfamily. The encoded protein is activated by the citric acid intermediate, oxoglutarate, as well as several cysteinyl leukotrienes, including leukotrienes E4, C4 and D4, which are implicated in many inflammatory disorders. In mice, a knock-out of this gene leads to middle ear inflammation, changes in the mucosal epithelium, and an increase in fluid behind the eardrum, and is associated with hearing loss. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2016],OXGR1,GPR80,GPR99,P2RY15,P2Y15,aKGR,Signal Transduction,G protein signaling,G-Protein-Coupled Receptors(GPCR),OXGR1</p>
Molecular Weight:	38kDa
Gene ID:	27199
UniProt:	Q96P68

Application Details

Application Notes:	WB,1:200 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using OXGR1 antibody (ABIN7269133) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.