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Datasheet for ABIN1711033
anti-GPR77 antibody (AA 1-100) (HRP)

Overview

Quantity:	100 µL
Target:	GPR77
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR77 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GPF77
Isotype:	IgG
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	GPR77
Alternative Name:	GPR77 (GPR77 Products)
Background:	Synonyms: C5a anaphylatoxin chemotactic receptor C5L2, C5ARL_HUMAN, C5L2,

Target Details

E030029A11Rik, G protein coupled receptor 77, G protein coupled receptor C5L2, G-protein coupled receptor 77, GPF77, GPR77, GPCR GPR77.

Background: Anaphylatoxin, a chemotactic and inflammatory peptide, is a receptor for C5a anaphylatoxin chemotactic receptor (C5L2), also designated G protein-coupled receptor 77. C5L2 is an integral membrane protein that belongs to the Gprotein-coupled receptor 1 family. C5L2 weakly couples to Gi-mediated signaling pathways and is widely expressed in the hippocampus, hypothalamus, pons, frontal cortex and liver. It is coexpressed with the C5a receptor (C5AR) on polymorphonuclear neutrophils and may modulate the activity of C5AR. The function of the C5a receptors, particularly that of C5L2, is still unclear. Research suggests that C5L2 may be required for the in vitro release of high mobility group box 1 protein (HMGB1).

Gene ID: 27202

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months