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Datasheet for ABIN1394701  
**anti-GPR125 antibody (AA 422-530) (Biotin)**

## Overview

Quantity:	100 µL
Target:	GPR125
Binding Specificity:	AA 422-530
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR125 antibody is conjugated to Biotin
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 GPR125
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Horse
Purification:	Purified by Protein A.

## Target Details

Target:	GPR125
Alternative Name:	GPR125 ( <a href="#">GPR125 Products</a> )

## Target Details

Background:	<p>Synonyms: FLJ38547, G protein coupled receptor 125, PGR21, Probable G protein coupled receptor 125 precursor, TEM5 like, TEM5L, GP125_HUMAN, GPCR125.</p> <p>Background: G protein-coupled receptors (GPRs), also known as seven transmembrane receptors, heptahelical receptors or 7TM receptors, comprise a superfamily of proteins that play a role in many different stimulus-response pathways. G protein coupled receptors translate extracellular signals into intracellular signals (G protein activation) and they respond to a variety of signaling molecules, such as hormones and neurotransmitters. GPR125 (G protein-coupled receptor 125), also known as PGR21 or TEM5L, is a 1,321 amino acid multi-pass membrane protein belonging to the G-protein coupled receptor 2 family and the LN-TM7 subfamily.</p> <p>Considered a novel orphan adhesion-type G-protein-coupled receptor, GPR125 has five leucine rich repeats (LRR), an immunoglobulin (Ig) domain and a GPS domain. GPR125 may play a functional role in choroidal and hippocampal response to brain injury. It is also suggested that GPR125 may be a marker for spermatogonial stem cells. Four isoforms of GPR125 exists due to alternative splicing events.</p>
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## 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.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months