

Rabbit PAEL Receptor / GPR37 Polyclonal Antibody | anti-GPR37 antibody

Rabbit Polyclonal to Human PAEL Receptor / GPR37

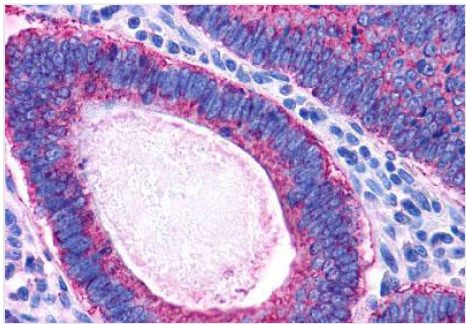
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51727	Rabbit	Human Predicted Reactivity: Gorilla, Gibbon, Monkey (at least 90% immunogen sequence identity)	Immunohistochemistry

PRODUCT SYNONYMS

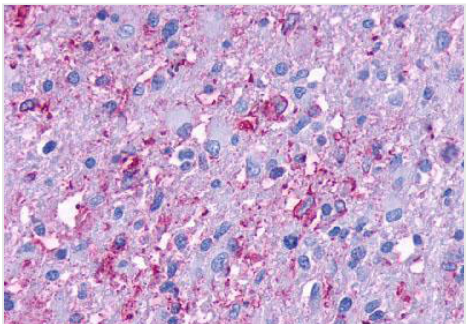
PAEL Receptor / GPR37; Polyclonal Antibody; Rabbit Polyclonal to Human PAEL Receptor / GPR37; Anti-PAEL Receptor / GPR37 Antibody (N-Terminus) IHC-plus; GPR37; EDNRBL; ETBR-LP-1; Gpcr/cns1; HET(B)R-LP; Het-b-r-lp; PAELR; Pael receptor; Human PAEL Receptor; anti-GPR37 antibody

PRODUCT SPECIFICATIONS

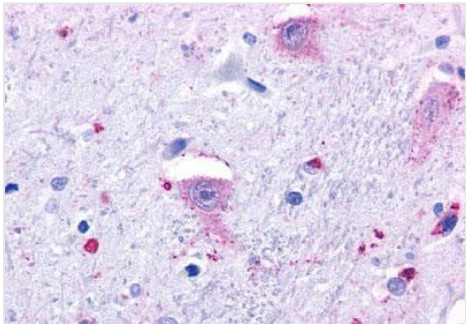
Host	Rabbit
Reactivity	Human Predicted Reactivity: Gorilla, Gibbon, Monkey (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human GPR37. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	613
Applicable Applications for anti-GPR37 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 20 amino acid peptide from N-terminal extracellular domain of human GPR37. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey (95%); Marmoset (90%); Rabbit (85%); Panda (80%).
Immunogen Type	Synthetic peptide
Immunogen	PAEL Receptor / GPR37 antibody was raised against synthetic 20 amino acid peptide from N-terminal extracellular domain of human GPR37. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey (95%); Marmoset (90%); Rabbit (85%); Panda (80%).
Antigen Modification	N-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C



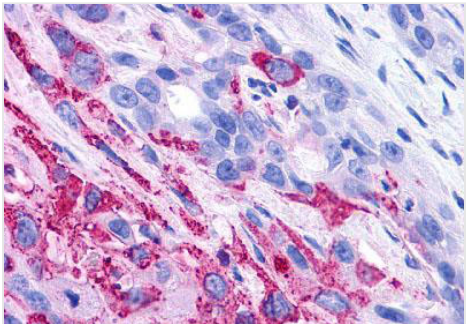
IHC (Immunohistochemistry)
Anti-PAEL Receptor / GPR37 antibody IHC of human Colon, Carcinoma.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



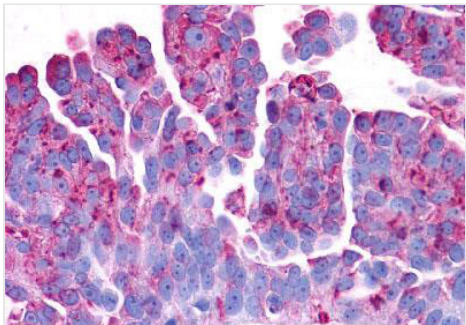
IHC (Immunohistochemistry)
Anti-PAEL Receptor / GPR37 antibody IHC of human Brain, Glioblastoma.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-GPR37 antibody IHC of human brain, neurons and glia. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-PAEL Receptor / GPR37 antibody IHC of human Pancreas, Carcinoma.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-PAEL Receptor / GPR37 antibody IHC of human Ovary, Carcinoma.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-GPR37 antibody	GPR37 is an Orphan-A GPCR with an unknown ligand. GPR37 was recently identified as the PAEL receptor, a Parkin substrate involved in autosomal recessive juvenile Parkinson's (PDJ) disease. The PAEL receptor becomes unfolded, insoluble, and ubiquitinated when overexpressed, leading to unfolded protein-induced cell death. When the PAEL receptor is ubiquitinated by Parkin, it gets degraded, resulting in the suppression of cell death.
Product Categories/Family for anti-GPR37 antibody	Family: GPCR; Subfamily: Orphan-A

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885323
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NCBI GeneID	2861
NCBI Accession #	NP_005293.1
NCBI GenBank Nucleotide #	NM_005302.3
UniProt Accession #	O15354; O00348; O14768; Q8TD39; A4D0Y6
Molecular Weight	67,114 Da
NCBI Official Full Name	prosaposin receptor GPR37
NCBI Official Synonym Full Names	G protein-coupled receptor 37 (endothelin receptor type B-like)
NCBI Official Symbol	GPR37
NCBI Official Synonym Symbols	PAELR; EDNRBL; hET(B)R-LP
NCBI Protein Information	prosaposin receptor GPR37; ETBR-LP-1; G-protein coupled receptor 37; endothelin B receptor-like protein 1; probable G-protein coupled receptor 37; Parkin-associated endothelin receptor-like receptor
UniProt Protein Name	Prosaposin receptor GPR37
UniProt Gene Name	GPR37
UniProt Synonym Gene Names	ETBR-LP-1; PAELR
UniProt Entry Name	GPR37_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pael-receptor-gpr37-antibody-immunohistochemistry-elisa/51727>