

Rabbit GPR137B Polyclonal Antibody | anti-GPR137B antibody

Rabbit Polyclonal to Human GPR137B

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51141	Rabbit	Bovine, Dog, Hamster, Horse, Human, Monkey, Mouse, Pig, Rabbit, Rat Predicted Reactivity: Gibbon, Goat, Chicken (at least 90% immunogen sequence identity)	Immunohistochemistry

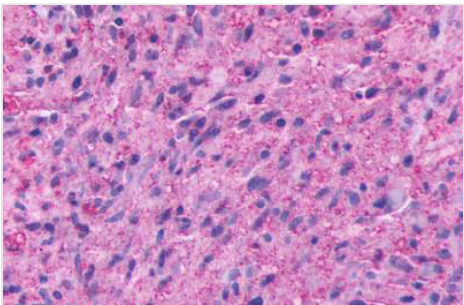
PRODUCT SYNONYMS

GPR137B; Polyclonal Antibody; Rabbit Polyclonal to Human GPR137B; Anti-GPR137B Antibody (C-Terminus) IHC-plus; TM7SF1; Human GPR137B; anti-GPR137B antibody

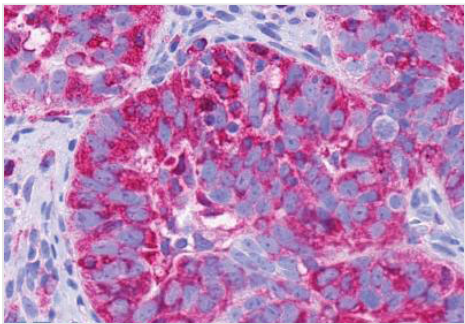
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bovine, Dog, Hamster, Horse, Human, Monkey, Mouse, Pig, Rabbit, Rat Predicted Reactivity: Gibbon, Goat, Chicken (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human GPR137B / TM7SF1. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except GPR137C (44%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	399
Applicable Applications for anti-GPR137B antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 18 amino acid peptide from C-terminus of human GPR137B / TM7SF1. Percent identity with other species by BLAST analysis: Human, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Bovine, Dog, Horse, Rabbit, Pig (100%).
Immunogen Type	Synthetic peptide
Immunogen	GPR137B antibody was raised against synthetic 18 amino acid peptide from C-terminus of human GPR137B / TM7SF1. Percent identity with other species by BLAST analysis: Human, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Bovine, Dog, Horse, Rabbit, Pig (100%); Gibbon, Goat, Opossum, Turkey, Chicken (94%); Bat, Platypus, Xenopus (89%).
Antigen Modification	C-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

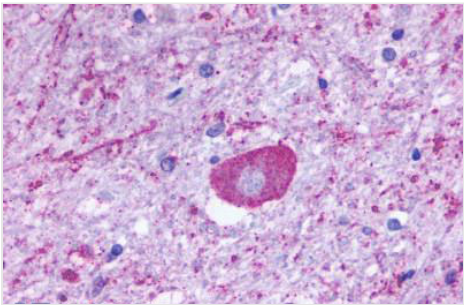
IMAGES



IHC (Immunohistochemistry)
Anti-GPR137B antibody IHC of human Brain, Glioblastoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-GPR137B antibody IHC of human Ovary, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-GPR137B / TM7SF1 antibody IHC of human brain. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-GPR137B antibody	TM7SF1 is an Orphan-U GPCR with an unknown ligand. This receptor has been shown to be upregulated during kidney development.
Product Categories/Family for anti-GPR137B antibody	Family: GPCR; Subfamily: Orphan-U

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507545
NCBI GeneID	7107
NCBI Accession #	NP_003263.1
NCBI GenBank Nucleotide #	NM_003272.3
UniProt Accession #	O60478; Q53EK7; Q5TAE6; Q6FHI3
Molecular Weight	45,599 Da
NCBI Official Full Name	integral membrane protein GPR137B
NCBI Official Synonym Full Names	G protein-coupled receptor 137B
NCBI Official Symbol	GPR137B
NCBI Official Synonym Symbols	TM7SF1
NCBI Protein Information	integral membrane protein GPR137B; transmembrane 7 superfamily member 1 protein; transmembrane 7 superfamily member 1 (upregulated in kidney)
UniProt Protein Name	Integral membrane protein GPR137B

UniProt Gene Name	GPR137B
UniProt Synonym Gene Names	TM7SF1
UniProt Entry Name	G137B_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://www.aaabiotech.com/polyclonal/gpr137b-antibody-immunohistochemistry-elisa/51141>