

Product datasheet for **AP51925PU-N**

GPR180 (Center) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	This antibody is suitable for immunohistochemistry on paraffin sections and Western blotting. The suggested dilution is: Immunohistochemistry on paraffin sections 1/50-1/100. Western blotting: 1/100-1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the central region (between 119-147aa) of human GPR180/ITR.
Specificity:	This antibody detects Human GPR180/ITR.
Formulation:	PBS with 0.09% (W/V) Sodium Azide. State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Purified through a protein A column; followed by peptide affinity purification.
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	G protein-coupled receptor 180
Database Link:	Entrez Gene 160897 Human Q86V85



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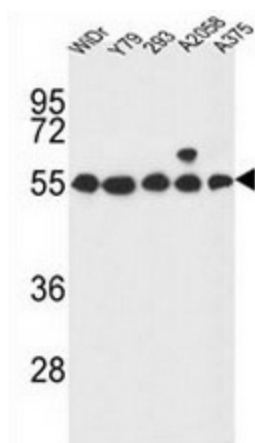
Background: The GPR180 gene encodes a protein that is a member of the G protein-coupled receptor superfamily. This protein is produced predominantly in vascular smooth muscle cells and may play an important role in the regulation of vascular remodeling.

Synonyms: AB041545; E130016I23Rik; ltr; MGC94555

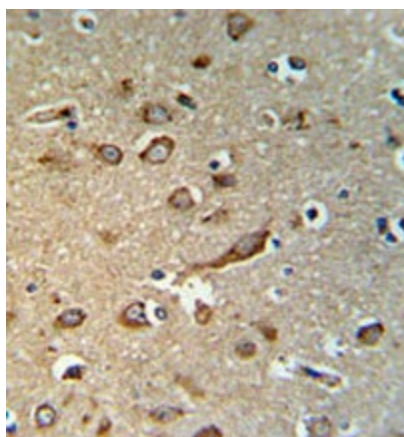
Note: **Molecular Weight:** 49395 Da

Protein Families: Druggable Genome, Transmembrane

Product images:



Western blot analysis in WiDr, Y79, 293, A2058, A375 cell line lysates (35ug/lane) using GPR180/ITR antibody. This demonstrates the GPR180 antibody detected the GPR180 protein (arrow).



Immunohistochemistry analysis in human brain tissue (formalin-fixed, paraffin-embedded) using GPR180/ITR antibody, followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GPR180 antibody for IHC. Clinical relevance has not been evaluated.