



# GPR175 Polyclonal Antibody

<b>Catalog No</b>	BYab-13321
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB;IF;ELISA
<b>Gene Name</b>	TPRA1
<b>Protein Name</b>	Transmembrane protein adipocyte-associated 1
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human GPR175. AA range:198-247
<b>Specificity</b>	GPR175 Polyclonal Antibody detects endogenous levels of GPR175 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	TPRA1; GPR175; PP6566; Transmembrane protein adipocyte-associated 1; Integral membrane protein GPR175
<b>Observed Band</b>	41kD
<b>Cell Pathway</b>	Membrane; Multi-pass membrane protein.
<b>Tissue Specificity</b>	Ubiquitous, with higher levels in heart, placenta and kidney.
<b>Function</b>	aging,
<b>Background</b>	TPRA1 is a gene on chromosome 3q21.3 that encodes transmembrane protein adipocyte-associated 1 expressed in most tissues, especially in heart, placenta and kidney, and plays role in lipid metabolism and in ageing. Gene Ontology (GO) annotations related to this gene include G-protein coupled receptor activity.
<b>matters needing attention</b>	Avoid repeated freezing and thawing!

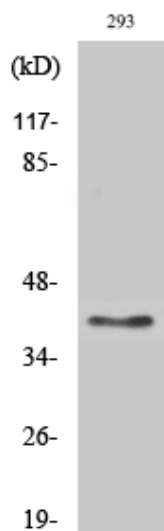
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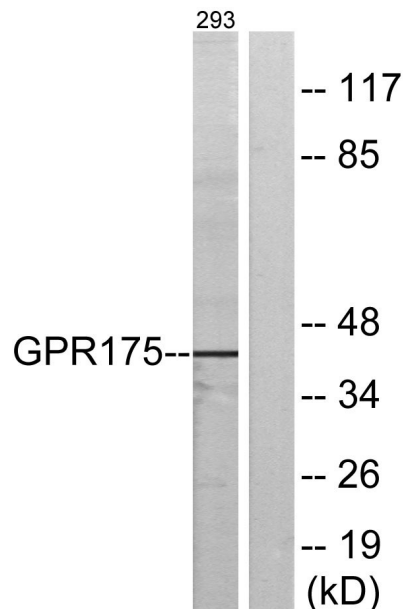
## Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using GPR175 Polyclonal Antibody diluted at 1:2000



Western blot analysis of lysates from 293 cells, using GPR175 Antibody. The lane on the right is blocked with the synthesized peptide.

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