

GPR30 antibody

Cat. No. GTX100001

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC
Reactivity	Human, Pig

References (3)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
IHC	Assay dependent

Note : As is commonly seen with membrane proteins, significant hydrophobicity can lead to aggregation following boiling of samples prior to SDS-PAGE and subsequent western blotting. We recommend to avoid boiling in this case.

Not tested in other applications.

Calculated MW 42 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1.35 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide encompassing a sequence within the Extracellular domain of human GPR30. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



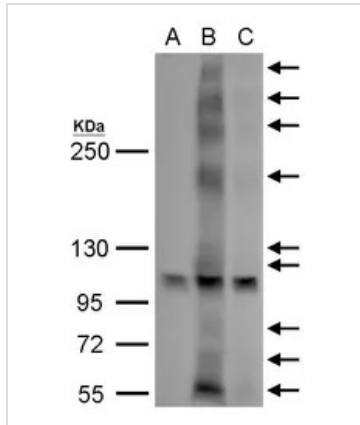
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Note

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DATA IMAGES

GTX100001 WB Image

GPR30 antibody detects GPR30 protein by western blot analysis.

A. 50 µg 293T whole cell lysate/extract

B. 50 µg whole cell lysate/extract of GFP-human GPR30-transfected 293T cells (No boiling)

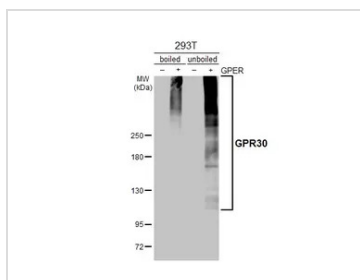
C. 50 µg whole cell lysate/extract of GFP-human GPR30 and GPR30 siRNA-transfected 293T cells (No boiling)

5% SDS-PAGE

GPR30 antibody (GTX100001) dilution: 1:1000

The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

Due to the high tendency to aggregate, GPR30 samples were not boiled in the SDS gel-loading buffer before electrophoresis.


GTX100001 WB Image

Non-transfected (–) and transfected (+) boiled and unboiled 293T whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with GPR30 antibody (GTX100001) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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