

GPR110 Polyclonal Antibody
Catalog # AP70138**Specification****GPR110 Polyclonal Antibody - Product Information**

Application	WB, IF
Primary Accession	Q5T601
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

GPR110 Polyclonal Antibody - Additional Information**Gene ID** 266977**Other Names**GPR110; PGR19; Probable G-protein coupled receptor 110; G-protein coupled receptor KPG_012;
G-protein coupled receptor PGR19**Dilution**

WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.

IF~~1:50~200

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

GPR110 Polyclonal Antibody - Protein Information**Name** ADGRF1 {ECO:0000303|PubMed:35418679, ECO:0000312|HGNC:HGNC:18990}**Function**

Adhesion G-protein coupled receptor (aGPCR) for N- docosahexaenoylethanolamine (synaptamide), an omega-3 fatty acid lipid highly enriched in the brain (PubMed:27759003, PubMed:32144388). Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of downstream effectors, such as adenylate cyclase (PubMed:35418679, PubMed:36127364, PubMed:37120430). ADGRF1 is coupled to G(s) G proteins and mediates activation of adenylate cyclase activity (PubMed:35418679). Also able to couple to G(q), G(i) and G(12)/G(13) G proteins; additional evidence is however required to confirm this result in vivo (PubMed:36127364, PubMed:37120430). Involved in the development of neurons and cognitive function (By similarity). In liver, involved in fat accumulation (By similarity).

Cellular Location

Cell membrane; Multi-pass membrane protein

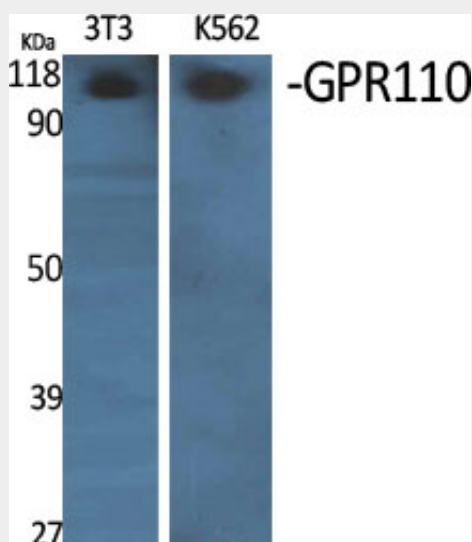
Tissue Location

Mainly expressed in the kidney. Up-regulated in lung adenocarcinomas and prostate cancers

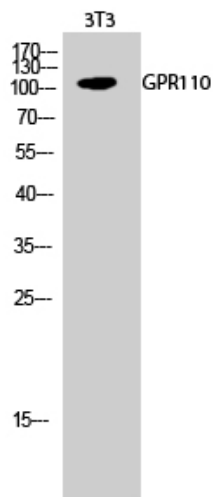
GPR110 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

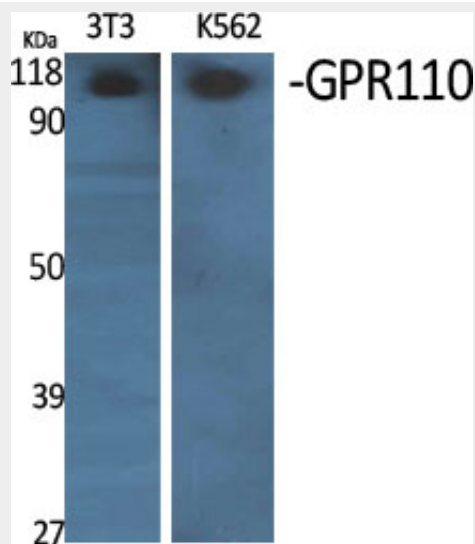
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GPR110 Polyclonal Antibody - Images

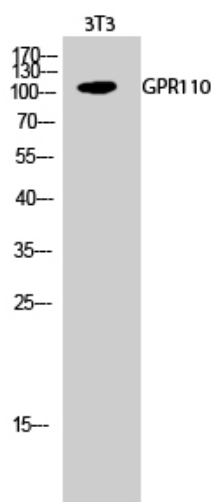
Western Blot analysis of various cells using GPR110 Polyclonal Antibody



Western Blot analysis of 3T3 cells using GPR110 Polyclonal Antibody



Western Blot analysis of various cells using GPR110 Polyclonal Antibody



Western Blot analysis of 3T3 cells using GPR110 Polyclonal Antibody

GPR110 Polyclonal Antibody - Background

Orphan receptor.