abcepta
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Rabbit Anti-IFNGR2 antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50884

Specification

Rabbit Anti-IFNGR2 antibody - Product Information

Application	WB, IHC-P
Primary Accession	P38484
Reactivity	Rat, Dog, Cow
Host	Rabbit
Clonality	Polyclonal
Calculated MW	H=38; KDa

Rabbit Anti-IFNGR2 antibody - Additional Information

Gene ID 3460

Other Names
Interferon gamma receptor 2, IFN-gamma receptor 2, IFN-gamma-R2, Interferon gamma receptor accessory factor 1, AF-1, Interferon gamma transducer 1, IFNGR2, IFNGT1

Dilution
WB~~ 1:1000<br \>IHC-P~~1:100~1:500

Format
0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage
Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ℃.

Rabbit Anti-IFNGR2 antibody - Protein Information

Name IFNGR2 (HGNC:5440)

Function
Associates with IFNGR1 to form a receptor for the cytokine interferon gamma (IFNG) (PubMed:8124716, PubMed:7673114, PubMed:7615558). Ligand binding stimulates activation of the JAK/STAT signaling pathway (PubMed:8124716, PubMed:7673114, PubMed:15356148). Required for signal transduction in contrast to other receptor subunit responsible for ligand binding (PubMed:7673114).

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Cellular Location
Cell membrane; Single-pass type I membrane protein. Cytoplasmic vesicle membrane; Single-pass type I membrane protein. Golgi apparatus membrane; Single-pass type I membrane protein. Endoplasmic reticulum membrane; Single-pass type I membrane protein. Cytoplasm. Note=Has low cell surface expression and high cytoplasmic expression in T cells. The bias towards cytoplasmic expression may be due to ligand-independent receptor internalization and recycling.

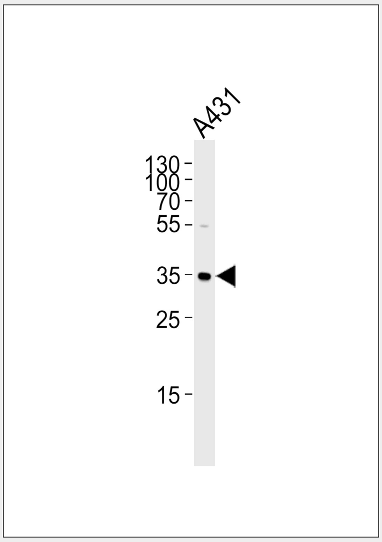
Tissue Location
Expressed in T-cells (at protein level).

Rabbit Anti-IFNGR2 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 Cytomety
- Cell Culture

Rabbit Anti-IFNGR2 antibody - Images



Western blot analysis of lysate from A431 cell line, using Rabbit Anti-IFNGR2 antibody (AP50884). AP50884 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.Lysate at 20ug.

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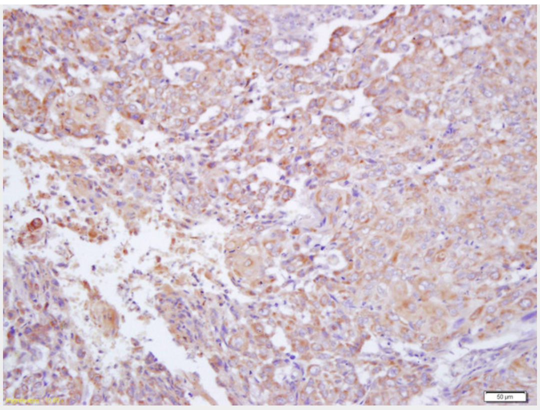

Formalin-fixed and paraffin embedded human labeled with Anti-IFNGR2 Polyclonal Antibody, Unconjugated (AP50884) at 1:200 followed by conjugation to the secondary antibody and DAB staining

Rabbit Anti-IFNGR2 antibody - Background

Part of the receptor for interferon gamma. Required for signal transduction. This accessory factor is an integral part of the IFN-gamma signal transduction pathway and is likely to interact with GAF, JAK1, and/or JAK2.

Rabbit Anti-IFNGR2 antibody - References

Soh J.,et al.Cell 76:793-802(1994).
Rhee S.,et al.J. Biol. Chem. 271:28947-28952(1996).
Vogt G.,et al.Nat. Genet. 37:692-700(2005).