

IFI30 Antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI15095**Specification**

IFI30 Antibody - middle region - Product Information

Application	WB
Primary Accession	P13284
Other Accession	NM_006332 , NP_006323
Reactivity	Human, Mouse, Rat, Pig, Sheep, Horse, Bovine, Dog
Predicted	Human, Mouse, Rat, Pig, Sheep, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	20kDa KDa

IFI30 Antibody - middle region - Additional Information**Gene ID** 10437**Alias Symbol** GILT, IFI-30, IP30, MGC32056**Other Names**

Gamma-interferon-inducible lysosomal thiol reductase, 1.8.-., Gamma-interferon-inducible protein IP-30, Legumaturain, IFI30, GILT, IP30

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-IFI30 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

IFI30 Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

IFI30 Antibody - middle region - Protein Information**Name** IFI30**Synonyms** GILT, IP30**Function**

Lysosomal thiol reductase that can reduce protein disulfide bonds. May facilitate the complete unfolding of proteins destined for lysosomal degradation. Plays an important role in antigen processing. Facilitates the generation of MHC class II-restricted epitopes from disulfide bond-containing antigen by the endocytic reduction of disulfide bonds (By similarity). Also

facilitates MHC class I- restricted recognition of exogenous antigens containing disulfide bonds by CD8+ T-cells or crosspresentation (By similarity).

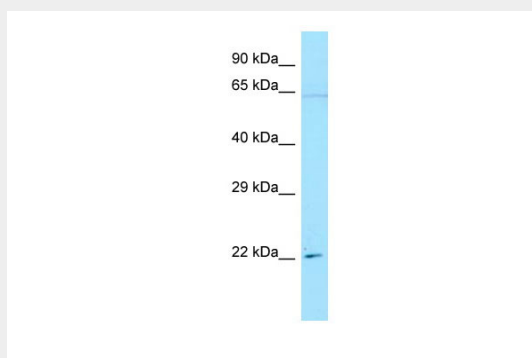
Cellular Location

Secreted. Lysosome

IFI30 Antibody - middle region - 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](#)

IFI30 Antibody - middle region - Images

WB Suggested Anti-IFI30 Antibody Titration: 1.0 µg/ml

Positive Control: HeLa Whole Cell
IFI30 is supported by BioGPS gene expression data to be expressed in HeLa

IFI30 Antibody - middle region - References

- Luster A.D., et al. J. Biol. Chem. 263:12036-12043(1988).
Arunachalam B., et al. Proc. Natl. Acad. Sci. U.S.A. 97:745-750(2000).
Arahira M., et al. Submitted (OCT-2000) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).
Grimwood J., et al. Nature 428:529-535(2004).