

# Interferon-induced transmembrane protein 1 Polyclonal Antibody

Catalog No: #42229

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

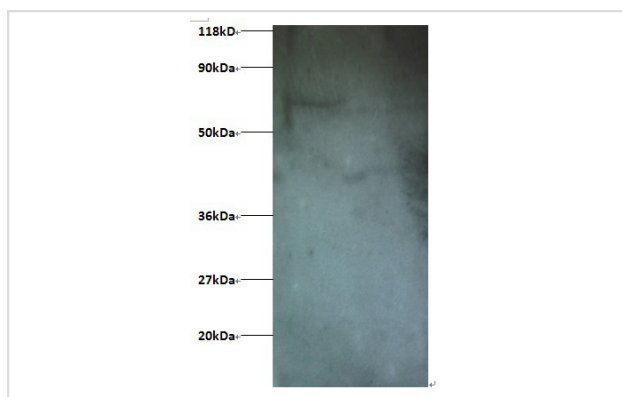
## Description

Product Name	Interferon-induced transmembrane protein 1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Interferon-induced transmembrane protein 1 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Interferon-induced transmembrane protein 1 protein
Target Name	Interferon-induced transmembrane protein 1
Other Names	IFITM1
Accession No.	Swiss-Prot#: P13164
Uniprot	P13164
GeneID	8519;
Calculated MW	14kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

## Application Details

Western blotting: □1:500 - 1:1000

## Images



All lanes : Interferon-induced transmembrane protein 1 antibody at at 2ug/ml Lane 1 : EC109 whole cell lysate Lane 2 : 293T whole cell lysate  
Secondary Goat polyclonal to Rabbit IgG at 1/15000 dilution  
Predicted band size : 14 kDa  
Observed band size: 70 kDa

## Background

IFN-induced antiviral protein that mediate cellular innate immunity to at least three major human pathogens, namely influenza A H1N1 virus, West Nile

virus, and dengue virus by inhibiting the early step(s) of replication. Plays a key role in the antiproliferative action of IFN-gamma either by inhibiting the ERK activation or by arresting cell growth in G1 phase in a p53-dependent manner. Implicated in the control of cell growth. Component of a multimeric complex involved in the transduction of antiproliferative and homotypic adhesion signals.

## References

---

[1] "A single DNA response element can confer inducibility by both alpha- and gamma-interferons." Reid L.E., Brasnett A.H., Gilbert C.S., Porter A.C.G., Gewert D.R., Stark G.R., Kerr I.M. Proc. Natl. Acad. Sci. U.S.A. 86:840-844(1989) [2] "Expression clon

---

Note: This product is for in vitro research use only