IFIT3 Rabbit pAb

Catalog NO.: A3924 **5 Publications**

Basic Information

Observed MW
47 kDa

Calculated MW
56 kDa

Category
Polyclonal Antibodies

Applications
WB, IP, IHC-P, ELISA

Cross-Reactivity
Human, Mouse, Rat

Conjugation
Unconjugated

Background

Predicted to enable RNA binding activity and identical protein binding activity. Acts upstream of or within cellular response to interferon-beta; response to bacterium; and response to stilbenoid. Predicted to be located in mitochondrion. Predicted to be active in cytosol. Is expressed in alimentary system; eye; face; and nervous system. Orthologous to human IFIT3 (interferon induced protein with tetratricopeptide repeats 3).

Recommended Dilutions

WB 1:2000 - 1:12000

IP
0.5 μg - 4 μg antibody for 200 μg - 600 μg extracts of whole cells

IHC-P 1:100 - 1:200

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
15959

Swiss Prot
O14879

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
P49; Ifi49; IFIT3

Contact

Product Information

order@abclonal.com
service@abclonal.com
www.abclonal.com

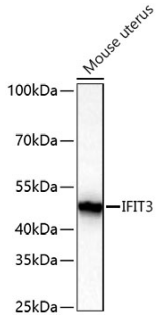
Source
Rabbit

Isotype
IgG

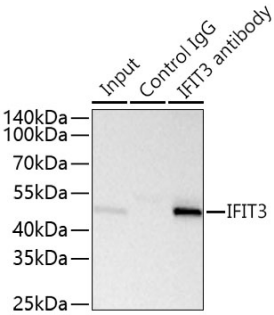
Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

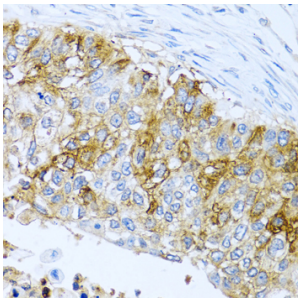
Validation Data

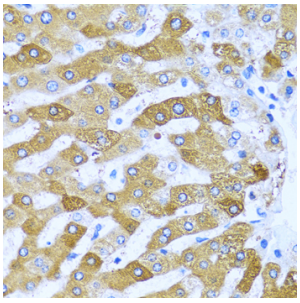


Western blot analysis of lysates from Mouse uterus using IFIT3 Rabbit pAb (A3924) at 1:3000 dilution incubated at room temperature for 1.5 hours.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 5 s.



Immunoprecipitation of IFIT3 from 600 µg extracts of Mouse uterus tissue was performed using 2 µg of IFIT3 Rabbit pAb (A3924).Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using IFIT3 Rabbit pAb (A3924) at a dilution of 1:3000.





Immunohistochemistry analysis of paraffin-embedded Human lung cancer using IFIT3 Rabbit pAb (A3924) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.

Immunohistochemistry analysis of paraffin-embedded Human liver using IFIT3 Rabbit pAb (A3924) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.