

Product datasheet for **TA396538**

Gm4841 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	WB: 1:500-1:1000 ELISA: 1:2000 - 1:10,000
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	IFN Induced GTPase Like Protein was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to a N-terminal region of mouse IFN Induced GTPase Like Protein.
Specificity:	Anti-IFN Induced GTPase Like Protein Antibody was prepared from monospecific, delipidated and defibrinated antiserum, with addition of sodium azide to 0.01%. A BLAST analysis was used to suggest cross-reactivity with IFN Induced GTPase Like Protein from mouse based on a 100% homology with the immunizing sequence. Reactivity against homologues from other sources is not known.
Formulation:	0.02 M Potassium Phosphate, 0.5 M Sodium Chloride, pH 7.2
Concentration:	86.5 mg/mL - lot specific
Conjugation:	Unconjugated
Storage:	Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
Stability:	Expiration date is one (1) year from date of receipt.
Gene Name:	predicted gene 4841
Database Link:	Entrez Gene 225594 Mouse E9QAA8



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- Background:** This antibody is designed, produced, and validated as part of a collaboration between Rockland and the National Cancer Institute (NCI). IFN Induced GTPase Like Protein is a novel protein involved in intracellular defense. It is suggested that IFN-induced GTPase may be an indicator for Lupus or other immunogenic abnormalities. Anti-IFN Induced GTPase Like Protein Antibody is ideal for researchers interested in autoimmune disease and apoptosis research.
- Synonyms:** rabbit anti-IFN Induced GTPase-like Protein Antibody, interferon-gamma induced, Interferon-gamma-inducible GTPase Ifgga3 protein
- Note:** Anti-IFN Induced GTPase Like Protein has been tested by ELISA and Western Blot. Expect a band at ~48 kDa by western blotting in the appropriate cell lysate or extract.

Product images:



Western Blot of Rabbit Anti-IFN GTPase antibody. Lane 1: WT mouse spleen lysate. Lane 2: IFN gamma gene KO mouse spleen lysate. Load: 35 µg per lane. Primary antibody: IFN GTPases antibody at 1:1000 for overnight at 4°C. Secondary antibody: IRDye800™ rabbit secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: [KO gene results in chronic and persistent IFN gamma protein in the sera] ~52kDa for IFN GTPases antibody. Other band(s): nonspecific.