

11-4059: Polyclonal Antibody to IFIT2

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	IFIT2
Gene ID :	3433
Uniprot ID :	P09913
Format :	Purified
Alternative Name :	IFIT2,CIG-42,G10P2,IFI54,ISG54
Isotype :	Rabbit IgG
Immunogen Information :	A partial length recombinant IFIT2 protein (amino acids 150-370) was used as the immunogen for this antibody.

Description

Interferon-induced protein with tetratricopeptide repeats 2 (IFIT2) is one of four related human (ISG56/IFIT1, ISG54/IFIT2, ISG60/IFIT3, ISG58/IFIT5) and three related mouse proteins (Ifit1, Ifit2, Ifit3) characterized by tetratricopeptide motifs. IFIT2 interacts with eukaryotic initiation factor 3 (eIF3)e and eIF3c to inhibit translation. IFIT2 interacts with some AU-rich RNA regions, which seems to be associated with antiviral activity. IFIT2 possesses antiviral activity against corona virus and West Nile virus by acting on the capped viral mRNA and protects from lethal vesicular stomatitis virus neuropathogenesis. Besides the antiviral activity, IFIT2 expression was associated with induction of apoptosis. IFIT2 may alter proinflammatory cytokine response and therefore be involved in the development of septic shock.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein A Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blot analysis: 2-4 Åµg/ml

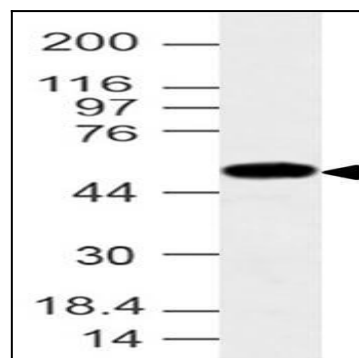


Fig-1: Western blot analysis of IFIT2. Anti-IFIT2 antibody (11-4059) was used at 4 µg/ml on HeLa lysate.