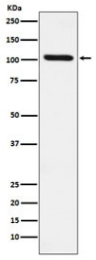
RIG-I Antibody / DDX58 [clone ACEA-4] (RQ4812)

Catalog No.	Formulation	Size
RQ4812	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	ACEA-4
Purity	Affinity purified
UniProt	O95786
Applications	Western blot: 1:500-1:1000
Limitations	This RIG-I antibody is available for research use only.



Western blot testing with RIG-I antibody. Expected molecular weight: 106-115 kDa.

Description

Retinoic acid inducible gene I (RIG-I) is a 925 amino acid, interferon-inducible cellular DExD/H box RNA helicase that activates type I interferon (IFN), an important effector of the innate immune system that is sensitive to these dsRNA viruses. dsRNA is normally present in very low quantities in cells, so when a virus is present, the elevated levels of dsRNA act as a sign telling RIG-I to activate the production of IFN.

Application Notes

Optimal dilution of the RIG-I antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human RIG-I was used as the immunogen for the RIG-I antibody.

Storage

Store the RIG-I antibody at -20oC.

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