abcam

Product datasheet

Anti-IFNAR2 antibody ab193410

1 References 1 Image

Overview

Product name	Anti-IFNAR2 antibody
Description	Rabbit polyclonal to IFNAR2
Host species	Rabbit
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Mouse, Human
Immunogen	Recombinant full length protein corresponding to Human IFNAR2. Database link: **P48551**
Positive control	MCF7, Raji, HepG2, THP1, SW480, A549 and HeLa whole cell lysate (**ab150035**); mouse liver lysate.
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.05% Sodium azide Constituent: 99% PBS
Purity	Immunogen affinity purified
Purification notes	ab193410 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab193410 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Predicted molecular weight: 58 kDa.

Target

Function Associates with IFNAR1 to form the type I interferon receptor. Receptor for interferons alpha and beta. Involved in IFN-mediated STAT1, STAT2 and STAT3 activation. Isoform 1 and isoform 2 are directly involved in signal transduction due to their association with the TYR kinase, JAK1. Isoform 3 is a potent inhibitor of type I IFN receptor activity.

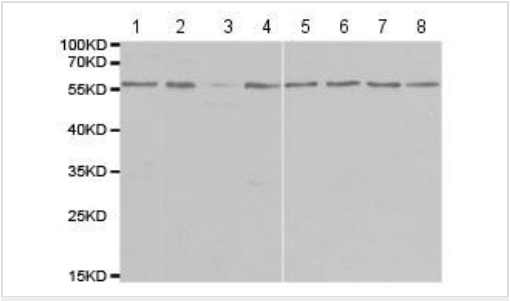
Tissue specificity Isoform 3 is detected in the urine (at protein level). Expressed in blood cells. Expressed in lymphoblastoid and fibrosarcoma cell lines.

Sequence similarities Belongs to the type II cytokine receptor family.

Post-translational modifications Phosphorylated on tyrosine residues upon interferon binding. Phosphorylation at Tyr-337 or Tyr-512 are sufficient to mediate interferon dependent activation of STAT1, STAT2 and STAT3 leading to antiproliferative effects on many different cell types.
Glycosylated.

Cellular localization Secreted and Membrane.

Images



Western blot - Anti-IFNAR2 antibody (ab193410)

All lanes : Anti-IFNAR2 antibody (ab193410)

Lane 1 : MCF7 cell lysate
Lane 2 : Raji cell lysate
Lane 3 : HepG2 cell lysate
Lane 4 : THP1 cell lysate
Lane 5 : SW480 cell lysate
Lane 6 : A549 cell lysate
Lane 7 : HeLa cell lysate
Lane 8 : mouse liver lysate

Predicted band size: 58 kDa

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