abcam

Product datasheet

Anti-Interferon alpha/beta receptor 1 (phospho S535 + S539) antibody ab30571

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Overview

Product name	Anti-Interferon alpha/beta receptor 1 (phospho S535 + S539) antibody
Description	Rabbit polyclonal to Interferon alpha/beta receptor 1 (phospho S535 + S539)
Host species	Rabbit
Specificity	Specific for Interferon alpha/beta receptor 1 protein phosphorylated at Ser535,539 in Western blots of human brain extracts.
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Human
Immunogen	Synthetic peptide corresponding to Human Interferon alpha/beta receptor 1 (phospho S535 + S539).
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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.50 Constituents: 0.238% HEPES, 50% Glycerol, 0.87% Sodium chloride, 0.01% BSA
Purity	Immunogen affinity purified
Purification notes	Prepared from rabbit serum by affinity purification via sequential chromatography on phospho-and dephosphopeptide affinity columns.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee   Our **Abpromise guarantee** covers the use of ab30571 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		1/1000. Predicted molecular weight: 110-130 kDa. Note: the molecular weight of the IFNNAR1 varies with cell line (different levels of glycosylation) in 293 and HeLa Cells; the mature form is ~110 - 130k.

Target

Function   Associates with IFNAR2 to form the type I interferon receptor. Receptor for interferons alpha and beta. Binding to type I IFNs triggers tyrosine phosphorylation of a number of proteins including JAKs, TYK2, STAT proteins and IFNR alpha- and beta-subunits themselves.

Tissue specificity   IFN receptors are present in all tissues and even on the surface of most IFN-resistant cells. Isoform 1, isoform 2 and isoform 3 are expressed in the IFN-alpha sensitive myeloma cell line U266S. Isoform 2 and isoform 3 are expressed in the IFN-alpha resistant myeloma cell line U266R. Isoform 1 is not expressed in IFN-alpha resistant myeloma cell line U266R.

Sequence similarities   Belongs to the type II cytokine receptor family.
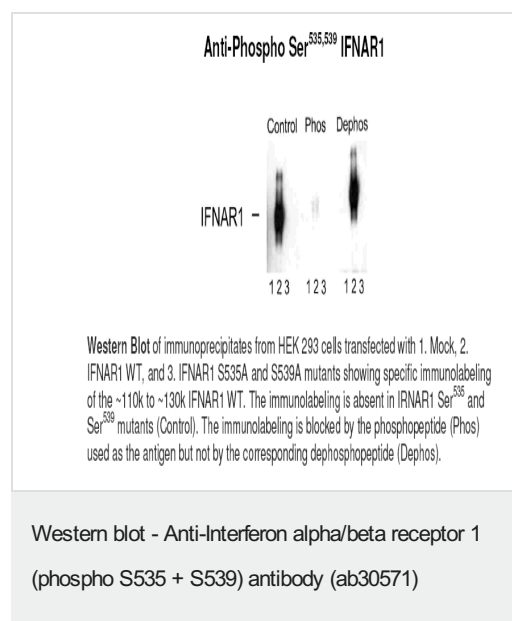Contains 3 fibronectin type-III domains.

Post-translational modifications   Phosphorylated on tyrosine residues by TYK2 tyrosine kinase.

Cellular localization   Membrane.

Images

Western blot - Anti-Interferon alpha/beta receptor 1

(phospho S535 + S539) antibody (ab30571)

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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