Datasheet for ABIN550131

anti-IFNAR1 antibody (pSer535, pSer539)

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Overview

Quantity:	100 µL
Target:	IFNAR1
Binding Specificity:	pSer535, pSer539
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IFNAR1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic phosphopeptide of IFNAR1.
Immunogen:	Synthetic phosphopeptide corresponding to residues surrounding S535/S539 of human IFNAR1.
Cross-Reactivity:	Cow, Dog, Human, Mouse, Primate, Rat, Sheep

Target Details

Target:	IFNAR1
Alternative Name:	IFNAR1 (IFNAR1 Products)
Gene ID:	3454
Pathways:	JAK-STAT Signaling, Hepatitis C

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Application Details

Application Notes:	Immunohistochemistry (1:1000) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In 10 mM HEPES, 150 mM NaCl, pH 7.5 (50 % glycerol, 100 µg/mL BSA).
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C for short term storage is acceptable as aliquots may be taken without freeze/thaw due to the presence of 50% glycerol. For long term storage, store at -80°C. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Kumar, Tang, Ravindranath, Clark, Croze, Fuchs: "SCF(HOS) ubiquitin ligase mediates the ligand-induced down-regulation of the interferon-alpha receptor." in: **The EMBO journal**, Vol. 22, Issue 20, pp. 5480-90, (2003) (PubMed). Kirkwood: "Cancer immunotherapy: the interferon-alpha experience." in: **Seminars in oncology**, Vol. 29, Issue 3 Suppl 7, pp. 18-26, (2002) (PubMed). Biron: "Interferons alpha and beta as immune regulators--a new look." in: **Immunity**, Vol. 14, Issue 6, pp. 661-4, (2001) (PubMed).

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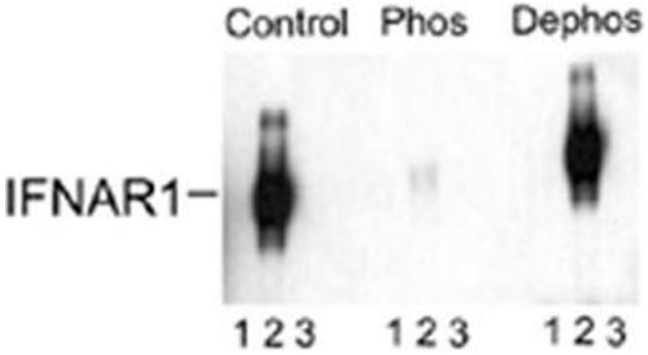

Western Blotting

Image 1. Western blot of immunoprecipitates from HEK 293 cells transfected with 1. Mock, 2. IFNAR1 WT, and 3. IFNAR1 S535A and S539A mutants showing specific immunolabeling of the ~110k to ~130k IFNAR1 WT. The immunolabeling is absent in IFNAR1 Ser535 and Ser539 mutants (Control). The immunolabeling is blocked by the phosphopeptide (Phos) used as the antigen but not by the corresponding dephosphopeptide (Dephos).

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