Datasheet for ABIN6287990

anti-IRF3 antibody (pSer385)

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Overview

Quantity:	50 µL
Target:	IRF3
Binding Specificity:	AA 320-400, pSer385
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRF3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	IRF-3 is a protein encoded by the IRF3 gene which is approximately 47,2 kDa. IRF-3 is localised to the cytoplasm and nucleus. It is involved in activated TLR4 signalling and toll-like receptor signalling pathway. This protein falls under the interferon regulatory transcription factor family. It is found in an inactive form in the cytoplasm that upon serine/threonine phosphorylation forms a complex with CREBBP. This complex is then translocated to the nucleus where it activates the transcription of interferons alpha and beta, as well as other interferon-induced genes. IRF-3 is expressed constitutively in a variety of tissues. Mutations in the IRF3 gene may be involved in herpes simplex encephalitis. STJ91040 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. This primary antibody specifically binds to endogenous IRF-3 protein which only binds about S385 when S385 is phosphorylated.

Product Details

Immunogen:	Synthesized peptide derived from human IRF-3 around the phosphorylation site of S385.
Isotype:	IgG
Specificity:	Phospho-IRF-3 (S385) Polyclonal Antibody detects endogenous levels of IRF-3 protein only when phosphorylated at S385.
Characteristics:	Rabbit polyclonal to Phospho-IRF-3 (S385).
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	IRF3
Alternative Name:	IRF-3 (IRF3 Products)
Molecular Weight:	60 kDa
Gene ID:	3661
UniProt:	Q14653
Pathways:	TLR Signaling, Activation of Innate immune Response, Cellular Response to Molecule of Bacterial Origin, Hepatitis C, Toll-Like Receptors Cascades

Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:10000
Comment:	Expressed constitutively in a variety of tissues.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C, and avoid repeat freeze-thaw cycles.