



# IRF-3 (phospho Ser396) rabbit pAb

Cat No.:ES5921

For research use only

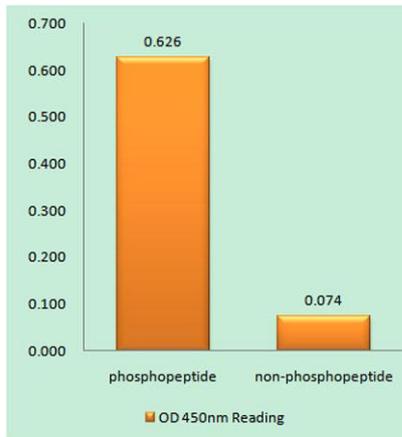
## Overview

<b>Product Name</b>	IRF-3 (phospho Ser396) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	WB 1:500-2000;IHC-p 1:50-300
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human IRF-3 around the phosphorylation site of Ser396. AA range:362-411
<b>Specificity</b>	Phospho-IRF-3 (S396) Polyclonal Antibody detects endogenous levels of IRF-3 protein only when phosphorylated at S396.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Interferon regulatory factor 3
<b>Gene Name</b>	IRF3
<b>Cellular localization</b>	Cytoplasm . Nucleus . Mitochondrion . Shuttles between cytoplasmic and nuclear compartments, with export being the prevailing effect (PubMed:10805757). When activated, IRF3 interaction with CREBBP prevents its export to the cytoplasm (PubMed:10805757). Re
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	48-55kd
<b>Human Gene ID</b>	3661
<b>Human Swiss-Prot Number</b>	Q14653
<b>Alternative Names</b>	IRF3; Interferon regulatory factor 3; IRF-3
<b>Background</b>	This gene encodes a member of the interferon regulatory transcription factor (IRF) family. The

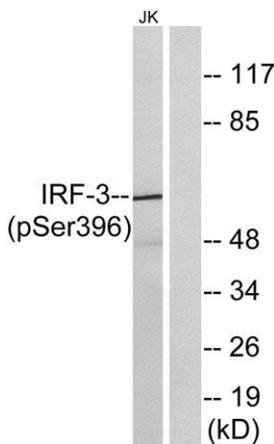




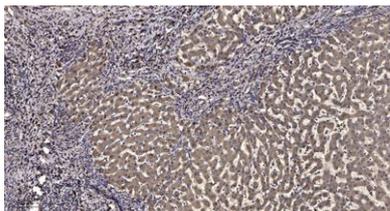
encoded protein is found in an inactive cytoplasmic form that upon serine/threonine phosphorylation forms a complex with CREBBP. This complex translocates to the nucleus and activates the transcription of interferons alpha and beta, as well as other interferon-induced genes. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011],



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using IRF-3 (Phospho-Ser396) Antibody



Western blot analysis of lysates from Jurkat cells treated with EGF 200ng/ml 30', using IRF-3 (Phospho-Ser396) Antibody. The lane on the right is blocked with the phospho peptide.



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).





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