



# IRF-7 (phospho-Ser471/472) rabbit pAb

Cat No.:ES15429

For research use only

## Overview

<b>Product Name</b>	IRF-7 (phospho-Ser471/472) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	WB 1:500-2000;IHC-p 1:50-300
<b>Immunogen</b>	Synthesized phospho peptide around human IRF-7 (Ser471 and 472)
<b>Specificity</b>	This antibody detects endogenous levels of Human IRF-7 (phospho-Ser471 or 472) Mouse IRF-7 (phospho-Ser425 or 426), Rat IRF-7 (phospho-Ser423 or 424)
<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>	IRF-7 (Ser471/472)
<b>Gene Name</b>	IRF7
<b>Cellular localization</b>	Nucleus. Cytoplasm. The phosphorylated and active form accumulates selectively in the nucleus.
<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>	55kD
<b>Human Gene ID</b>	3665
<b>Human Swiss-Prot Number</b>	Q92985
<b>Alternative Names</b>	Interferon regulatory factor 7 (IRF-7)
<b>Background</b>	IRF7 encodes interferon regulatory factor 7, a member of the interferon regulatory transcription factor (IRF) family. IRF7 has been shown to play a role in the transcriptional activation of virus-inducible cellular genes, including interferon beta chain genes. Inducible expression of IRF7 is





largely restricted to lymphoid tissue. Multiple IRF7 transcript variants have been identified, although the functional consequences of these have not yet been established. [provided by RefSeq, Jul 2008],

Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 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).

