

AP52234PU-N**Polyclonal Antibody to IRF1 (C-term) - Aff - Purified**

Alternate names:	IRF-1, Interferon regulatory factor 1
Quantity:	0.4 ml
Concentration:	lot specific
Background:	IRF1 encodes interferon regulatory factor 1, a member of the interferon regulatory transcription factor (IRF) family. IRF1 serves as an activator of interferons alpha and beta transcription, and in mouse it has been shown to be required for double-stranded RNA induction of these genes. IRF1 also functions as a transcription activator of genes induced by interferons alpha, beta, and gamma. Further, IRF1 has been shown to play roles in regulating apoptosis and tumor-suppression.
Uniprot ID:	P10914
NCBI:	NP_002189
GeneID:	3659
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 266-293 amino acids from the C-terminal region of Human IRF1
Format:	State: Liquid purified Ig fraction Purification: Protein A column, followed by peptide affinity purification Buffer System: PBS containing 0.09% (W/V) Sodium Azide as preservative
Applications:	ELISA: 1/1000. Western Blot: 1/100-1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes Human IRF1 (C-term).
Add. Information:	Molecular Weight: 36502 Da
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Silva, L.K., et al. Eur. J. Hum. Genet. 18(11):1221-1227(2010) Matsuzaki, S., et al. J. Immunol. 185(8):4863-4872(2010) Antonios, D., et al. J. Immunol. 185(1):89-98(2010) Lou, Y.J., et al. Zhonghua Yi Xue Yi Chuan Xue Za Zhi 27(3):255-258(2010) Schuurhof, A., et al. Pediatr. Pulmonol. 45(6):608-613(2010)

Pictures:

Western blot analysis of IRF1 Antibody (C-term) Cat.-No AP52234PU-N in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the IRF1 antibody detected the IRF1 protein (arrow).

