

IRF5 Polyclonal Antibody | anti-IRF5 antibody

Anti-IRF5 Antibody

CATALOG # AAA46291	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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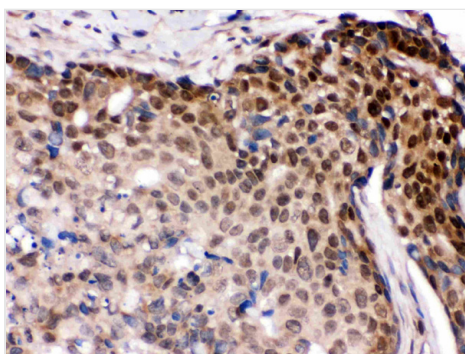
PRODUCT SYNONYMS

IRF5; Polyclonal Antibody; Anti-IRF5 Antibody; Interferon regulatory factor 5; Interferon regulatory factor 5 bone marrow variant; IRF 5; IRF-5; Irf5; IRF5_HUMAN; SLEB10; interferon regulatory factor 5; anti-IRF5 antibody

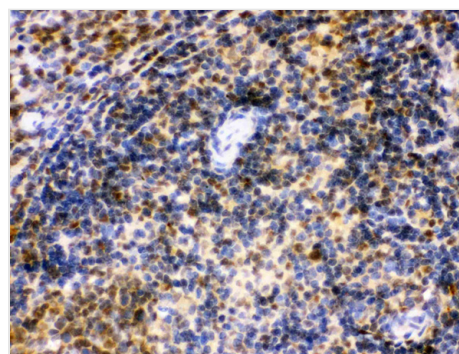
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	498
Applicable Applications for anti-IRF5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human IRF5 (442-472aa RLQISNPDLKDRMVEQFKELHHIWQSQQRLQ), different from the related mouse sequence by three amino acids.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

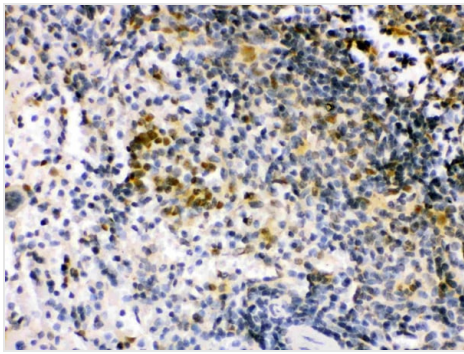
IMAGES



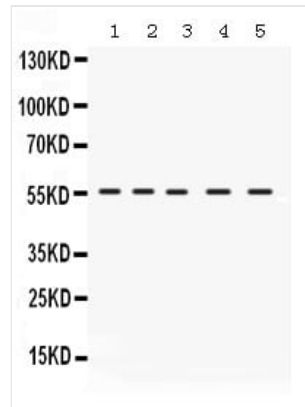
IHC (Immunohistochemistry)
Anti- IRF5 Picoband antibody, AAA46291, IHC(P)IHC(P): Human Mammary Cancer Tissue



IHC (Immunohistochemisry)
Anti- IRF5 Picoband antibody, AAA46291, IHC(P)IHC(P): Rat Spleen Tissue



IHC (Immunohistochemistry)
Anti- IRF5 Picoband antibody, AAA46291, IHC(P)IHC(P): Mouse Spleen Tissue



WB (Western Blot)
Anti- IRF5 Picoband antibody, AAA46291, Western blottingAll lanes: Anti IRF5 (AAA46291) at 0.5ug/mlLane 1: Rat Intestine Tissue Lysate at 50ugLane 2: HELA Whole Cell Lysate at 40ugLane 3: COLO320 Whole Cell Lysate at 40ugLane 4: NIH3T3 Whole Cell Lysate at 40ugLane 5: HEPA Whole Cell Lysate at 40ugPredicted bind size: 56KDObserved bind size: 56KD

ADDITIONAL INFORMATION

Related Product Information for anti-IRF5 antibody	Description: Rabbit IgG polyclonal antibody for Interferon regulatory factor 5(IRF5) detection. Tested with WB, IHC-P in Human;Mouse;Rat. Background: Interferon regulatory factor 5, also called IRF5 or SLEB10, is a protein that in humans is encoded by the IRF5 gene. IRF5 gene is mapped to 7q32.1. This gene encodes a member of the interferon regulatory factor (IRF) family, a group of transcription factors with diverse roles, including virus-mediated activation of interferon, and modulation of cell growth, differentiation, apoptosis, and immune system activity. Members of the IRF family are characterized by a conserved N-terminal DNA-binding domain containing tryptophan (W) repeats. Multiple transcript variants encoding different isoforms have been found for this gene, and a 30-nt indel polymorphism (SNP rs60344245) can result in loss of a 10-aa segment. This gene is a transcription factor involved in the induction of interferons IFNA and INFB and inflammatory cytokines upon virus infection.
References	1. Couzinet, A., Tamura, K., Chen, H., Nishimura, K., Wang, Z., Morishita, Y., Takeda, K., Yagita, H., Yanai, H., Taniguchi, T., Tamura, T. A cell-type-specific requirement for IFN regulatory factor 5 (IRF5) in Fas-induced apoptosis. Proc. Nat. Acad. Sci. 105: 2556-2561, 2008. 2. Sigurdsson, S., Goring, H. H. H., Kristjansdottir, G., Milani, L., Nordmark, G., Sandling, J. K., Eloranta, M.-L., Feng, D., Sangster-Guity, N., Gunnarsson, I., Svenungsson, E., Sturfelt, G., Jonsen, A., Truedsson, L., Barnes, B. J., Alm, G., Ronnblom, L., Syvanen, A.-C. Comprehensive evaluation of the genetic variants of interferon regulatory growth factor 5 (IRF5) reveals a novel 5 bp length polymorphism as strong risk factor for systemic lupus erythematosus. Hum. Molec. Genet. 17: 872-881, 2008.

NCBI AND UNIPROT INFORMATION

NCBI GI #	291190719
NCBI GeneID	3663
NCBI Accession #	NP_001092097.2
NCBI GenBank Nucleotide #	NM_001098627.3
UniProt Accession #	Q13568; Q1A7B4; Q64GA9; Q64GB1; Q64GB2; Q6RCM8; Q9BQF0; A4D1J8; A8DUA8; A8DUA9; E7EQ16; E7EW54
Molecular Weight	17,020 Da
NCBI Official Full Name	interferon regulatory factor 5 isoform b
NCBI Official Synonym Full Names	interferon regulatory factor 5
NCBI Official Symbol	IRF5

NCBI Official Synonym Symbols	SLEB10
NCBI Protein Information	interferon regulatory factor 5
UniProt Protein Name	Interferon regulatory factor 5
UniProt Gene Name	IRF5
UniProt Synonym Gene Names	IRF-5
UniProt Entry Name	IRF5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/irf5-antibody-immunohistochemistry-western-blot-elisa/46291>