

Rabbit anti-Human ISG15 Polyclonal Antibody | anti-ISG15 antibody

ISG15 Antibody (C-term)

CATALOG # AAA289156	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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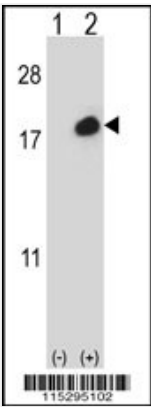
PRODUCT SYNONYMS

ISG15; Polyclonal Antibody; ISG15 Antibody (C-term); Ubiquitin-like protein ISG15; Interferon-induced 15 kDa protein; Interferon-induced 17 kDa protein; IP17; Ubiquitin cross-reactive protein; hUCRP; G1P2; UCRP; anti-ISG15 antibody

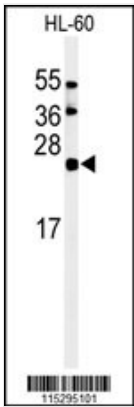
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ISG15 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 136-165 amino acids from the C-terminal region of human ISG15.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	136-165
Sequence Length	165
Applicable Applications for anti-ISG15 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of ISG15 (arrow) using rabbit polyclonal ISG15 Antibody (C-term N151). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the ISG15 gene.



WB (Western Blot)
Western blot analysis of ISG15 Antibody (C-term N151) in HL-60 cell line lysates (35ug/lane). ISG15 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ISG15 antibody	ISG15 is secreted from monocytes in response to type I interferons and causes natural killer (NK)-cell proliferation and an augmentation of non-MCH (major histocompatibility complex)-restricted cytotoxicity. Synthesis is stimulated by IFN-alpha or IFN-beta or IFN-omega, but not IFN-gamma. ISG15 expression is also induced by overexpression of interferon regulatory factors that participate in transcriptional regulation of IFN genes, and by influenza B virus. ISG15 is secreted also by cell lines of monocyte, T-lymphocyte, B-lymphocyte, human fibroblasts, and epithelial origins. The induction of terminal differentiation in human melanoma cells is associated with alterations in ISG15 expression. Enhancement of NK cell proliferation, augmentation of non-major histocompatibility complex-restricted cytotoxicity, and induction of IFN-gamma from T cells identify ISG15 as a member of the cytokine cascade and suggest that it may be responsible for amplifying and directing some of the immunomodulatory effects of IFN-alpha or IFN-beta. ISG15 has also been shown to function intracellularly as a ubiquitin homolog.
Product Categories/Family for anti-ISG15 antibody	Cell Biology
References	Padovan, E., et al., Cancer Res. 62(12):3453-3458 (2002). Meraro, D., et al., J. Immunol. 168(12):6224-6231 (2002). Reich, N., et al., Proc. Natl. Acad. Sci. U.S.A. 84(18):6394-6398 (1987). Blomstrom, D.C., et al., J. Biol. Chem. 261(19):8811-8816 (1986). Clauss, I.M., et al., Cytogenet. Cell Genet. 53 (2-3), 166-168 (1990).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826774
NCBI GeneID	9636
NCBI Accession #	NP_005092.1
NCBI GenBank Nucleotide #	NM_005101.3
UniProt Accession #	P05161; Q5SVA4; Q7Z2G2; Q96GF0
Molecular Weight	17888
NCBI Official Full Name	ubiquitin-like protein ISG15
NCBI Official Synonym Full Names	ISG15 ubiquitin-like modifier
NCBI Official Symbol	ISG15
NCBI Official Synonym Symbols	G1P2; IP17; UCRP; IFI15; IMD38; hUCRP

NCBI Protein Information	ubiquitin-like protein ISG15
UniProt Protein Name	Ubiquitin-like protein ISG15
UniProt Gene Name	ISG15
UniProt Synonym Gene Names	G1P2; UCRP; IP17; hUCRP
UniProt Entry Name	ISG15_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/isg15-antibody-western-blot-elisa/289156>