

Rabbit ISG15 Polyclonal Antibody | anti-ISG15 antibody

Anti-ISG15 Antibody

CATALOG # AAA46619	HOST Rabbit	REACTIVITY Human No cross reactivity with other proteins.	APPLICATIONS Immunohistochemistry, Western Blot
------------------------------	-----------------------	---	---

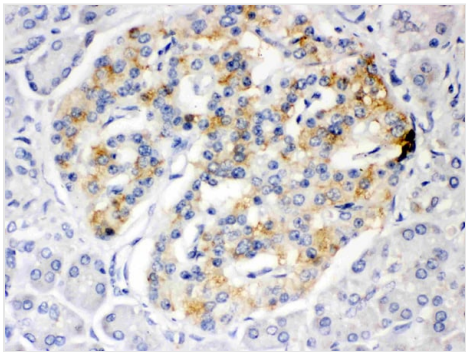
PRODUCT SYNONYMS

ISG15; Polyclonal Antibody; Anti-ISG15 Antibody; G1P2; hUCRP; IFI 15; IFI15; IP17; ISG 15; UCRP; P05161; Ubiquitin-like protein ISG15; ISG15 ubiquitin-like modifier; anti-ISG15 antibody

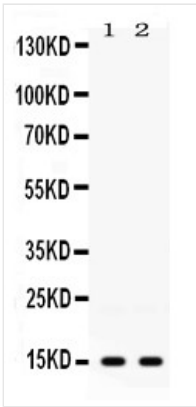
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	165
Applicable Applications for anti-ISG15 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human ISG15 recombinant protein (Position: G2-G157). Human ISG15 shares 65.8% amino acid (aa) sequence identity with mouse ISG15.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
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 aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
ISG15 was detected in paraffin-embedded sections of human pancreatic cancer tissues using rabbit anti- ISG15 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



WB (Western Blot)
Western blot analysis of ISG15 expression in 22RV1 whole cell lysates (lane 1) and HELA whole cell lysates (lane 2). ISG15 at 15KD was detected using rabbit anti- ISG15 Antigen Affinity purified polyclonal antibody at 0.5 ug/mL. The blot was developed using chemiluminescence (ECL) method.

ADDITIONAL INFORMATION

Related Product Information for anti-ISG15 antibody	Rabbit IgG polyclonal antibody for Ubiquitin-like protein ISG15 (ISG15) detection. Background: Interferon-stimulated gene 15 (ISG15) is a 17 kDa secreted protein that in humans is encoded by the ISG15 gene. The protein encoded by this gene is a ubiquitin-like protein that is conjugated to intracellular target proteins upon activation by interferon-alpha and interferon-beta. Several functions have been ascribed to the encoded protein, including chemotactic activity towards neutrophils, direction of ligated target proteins to intermediate filaments, cell-to-cell signaling, and antiviral activity during viral infections. While conjugates of this protein have been found to be noncovalently attached to intermediate filaments, this protein is sometimes secreted.
References	1. "Entrez Gene: ISG15 ISG15 ubiquitin-like modifier". 2. Blomstrom DC, Fahey D, Kutny R, Korant BD, Knight E Jr (Aug 1986). "Molecular characterization of the interferon-induced 15-kDa protein. Molecular cloning and nucleotide and amino acid sequence". J Biol Chem261 (19): 8811-6. 3. Morales, David J.; Lenschow, Deborah J. (December 2013). "The Antiviral Activities of ISG15".Journal of Molecular Biology 425 (24): 4995-5008.

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	17,888 Da
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/isg15-antibody-immunohistochemistry-western-blot-elisa/46619>