

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

IMPACT Antibody

CATALOG # AAA229987	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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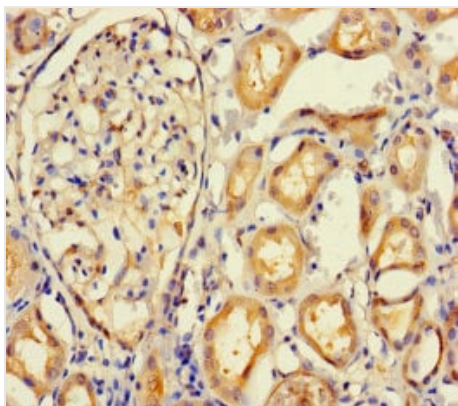
PRODUCT SYNONYMS

IMPACT; Polyclonal Antibody; IMPACT Antibody; Protein IMPACT; Imprinted and ancient gene protein homolog; anti-IMPACT antibody

PRODUCT SPECIFICATIONS

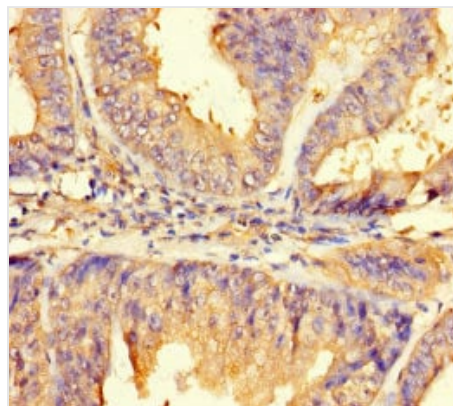
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	320
Applicable Applications for anti-IMPACT antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Protein IMPACT protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



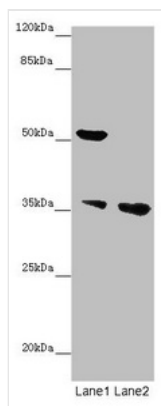
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA229987 at dilution of 1:100



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human endometrial cancer using AAA229987 at dilution of 1:100



WB (Western Blot)

Western blotAll lanes: IMPACT antibody at 10 ug/mlLane 1: Hela whole cell lysateLane 2: HL60 whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 37,23 kDaObserved band size: 36,52 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-IMPACT antibody

Translational regulator that ensures constant high levels of translation under amino acid starvation. Acts by interacting with GCN1/GCN1L1, thereby preventing activation of GCN2 protein kinases (EIF2AK1 to 4) and subsequent down-regulation of protein synthesis. May be required to regulate translation in specific neuronal cells under amino acid starvation conditions by preventing GCN2 activation and therefore ATF4 synthesis. Through its action on GCN2, may also facilitate neuritogenesis.

NCBI AND UNIPROT INFORMATION

NCBI GI #	8923819
NCBI GeneID	55364
NCBI Accession #	NP_060909.1
NCBI GenBank Nucleotide #	NM_018439.3
UniProt Accession #	Q9P2X3; Q49AM0; Q9H2X4; A8MXG0
Molecular Weight	22,999 Da
NCBI Official Full Name	protein IMPACT
NCBI Official Synonym Full Names	impact RWD domain protein
NCBI Official Symbol	IMPACT
NCBI Official Synonym Symbols	RWDD5
NCBI Protein Information	protein IMPACT
UniProt Protein Name	Protein IMPACT
UniProt Gene Name	IMPACT
UniProt Entry Name	IMPCT_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://www.aaabiotech.com/polyclonal/impact-antibody-immunohistochemistry-western-blot-elisa/229987>