

Rabbit anti-Human IDDM12 Polyclonal Antibody | anti-CTLA4 antibody

IDDM12 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285376	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

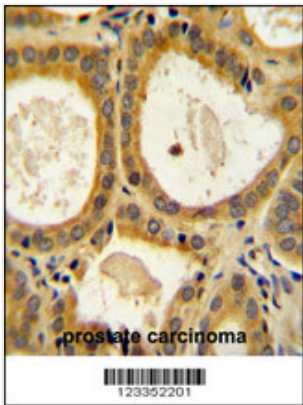
PRODUCT SYNONYMS

IDDM12; Polyclonal Antibody; IDDM12 Antibody (N-term); Cytotoxic T-lymphocyte protein 4; Cytotoxic T-lymphocyte-associated antigen 4; CTLA-4; CD152; CTLA4; anti-CTLA4 antibody

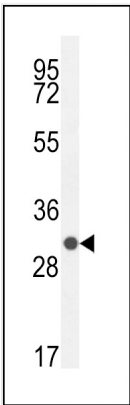
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This IDDM12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 50-78 amino acids from the N-terminal region of human IDDM12.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.26 (varies by lot)
Sequence Positions	50-78
Sequence Length	174
Applicable Applications for anti-CTLA4 antibody	IHC (Immunohistochemistry), 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



IHC (Immunohiostchemistry)
IDD12 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the IDD12 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
IDD12 Antibody (N-term) western blot analysis in WiDr cell line lysates (35ug/lane). This demonstrates the IDD12 antibody detected the IDD12 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CTLA4 antibody	CTLA4 is a member of the immunoglobulin superfamily and encodes a protein which transmits an inhibitory signal to T cells. The protein contains a V domain, a transmembrane domain, and a cytoplasmic tail. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. The membrane-bound isoform functions as a homodimer interconnected by a disulfide bond, while the soluble isoform functions as a monomer. Mutations in this gene have been associated with insulin-dependent diabetes mellitus, Graves disease, Hashimoto thyroiditis, celiac disease, systemic lupus erythematosus, thyroid-associated orbitopathy, and other autoimmune diseases.
Product Categories/Family for anti-CTLA4 antibody	Immunology; Signal Transduction
References	Liu, Y., et al. Hum. Immunol. 71(11):1141-1146(2010) Andersen, M.K., et al. Diabetes Care 33(9):2062-2064(2010) Azarpira, N., et al. Exp Clin Transplant 8(3):210-213(2010) Liu, G., et al. Nan Fang Yi Ke Da Xue Xue Bao 30(8):1838-1840(2010) Oaks, M.K., et al. Cell. Immunol. 201(2):144-153(2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	83700231
NCBI GeneID	1493
NCBI Accession #	NP_001032720.1; NP_005205.2
NCBI GenBank Nucleotide #	NM_001037631.2
UniProt Accession #	P16410; O95653; Q0PP65; Q52MC1; Q53TD5; Q5S005; Q8WXJ1; Q96P43; Q9UKN9; A0N1S0; E9PDH0
Molecular Weight	24656
NCBI Official Full Name	cytotoxic T-lymphocyte protein 4 isoform CTLA-4deITM
NCBI Official Synonym Full Names	cytotoxic T-lymphocyte-associated protein 4
NCBI Official Symbol	CTLA4

NCBI Official Synonym Symbols	CD; GSE; GRD4; ALPS5; CD152; CTLA-4; IDDM12; CELIAC3
NCBI Protein Information	cytotoxic T-lymphocyte protein 4
UniProt Protein Name	Cytotoxic T-lymphocyte protein 4
UniProt Gene Name	CTLA4
UniProt Synonym Gene Names	CD152; CTLA-4
UniProt Entry Name	CTLA4_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/iddm12-antibody-immunohistochemistry-western-blot-elisa/285376>