

PDCD4 Antibody | anti-PDCD4 antibody

PDCD4 (Phospho-Ser457) Antibody

CATALOG # AAA111439	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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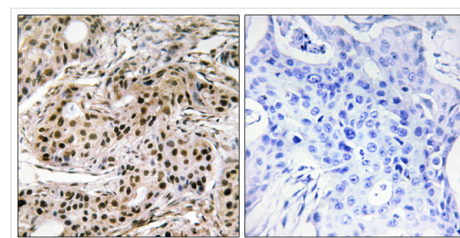
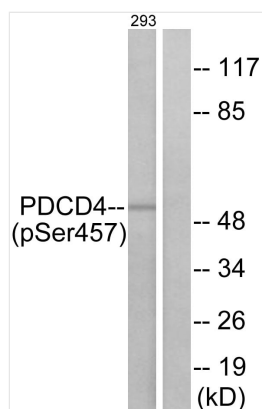
PRODUCT SYNONYMS

PDCD4; PDCD4 (Phospho-Ser457) Antibody; neoplastic transformation inhibitor; nuclear antigen H731-like; programmed cell death protein 4; anti-PDCD4 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	PDCD4 (Phospho-Ser457) antibody detects endogenous levels of PDCD4 only when phosphorylated at serine 457.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	469
Applicable Applications for anti-PDCD4 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human PDCD4 around the phosphorylation site of serine 457 (F-V-SP-E-G).
All Sites	Human: Ser457 Mouse: Ser457 Rat: Ser457
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using PDCD4 (Phospho-Ser457) antibody. Western blot analysis of extracts from 293 cells, treated with serum (20%, 15mins), using PDCD4 (Phospho-Ser457) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PDCD4 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Matsuhashi S., Res. Commun. Biochem. Cell Mol. Biol. 1:109-120(1997). Azzoni L., J. Immunol. 161:3493-3500(1998). Deloukas P., Nature 429:375-381(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	21735596
NCBI GeneID	27250
NCBI Accession #	NP_055271.2
NCBI GenBank Nucleotide #	NM_014456.4
UniProt Accession #	Q53EL6; O15501; Q5VZS6; Q6PJI5; Q8TAR5; Q99834; B2RCV4; B5ME91
Molecular Weight	50,576 Da
NCBI Official Full Name	programmed cell death protein 4 isoform 1
NCBI Official Synonym Full Names	programmed cell death 4
NCBI Official Symbol	PDCD4
NCBI Official Synonym Symbols	H731
NCBI Protein Information	programmed cell death protein 4
UniProt Protein Name	Programmed cell death protein 4
UniProt Gene Name	PDCD4
UniProt Synonym Gene Names	H731

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/human-mouse-rat-antibody/pdcd4/111439>