

Rabbit anti-Human, mouse p19 Polyclonal Antibody | anti-CDKN2D antibody

p19 Antibody (N-term)

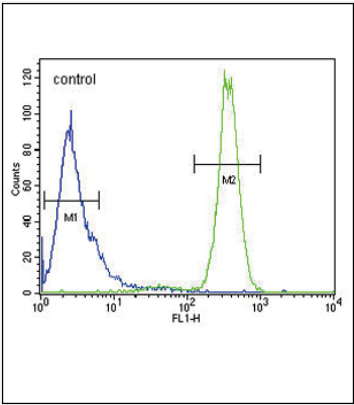
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286298	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

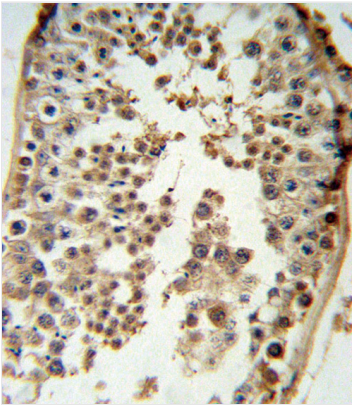
p19; Polyclonal Antibody; p19 Antibody (N-term); Cyclin-dependent kinase 4 inhibitor D; p19-INK4d; CDKN2D; anti-CDKN2D antibody

PRODUCT SPECIFICATIONS

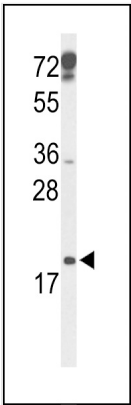
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This p19 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 15-43 amino acids from the N-terminal region of human p19.
Purity/Purification	Peptide Affinity Purified Rabbit 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: 0.5 (varies by lot)
Sequence Positions	15-43
Sequence Length	166
Applicable Applications for anti-CDKN2D antibody	FCM/FACS (Flow Cytometry), 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.



FCM/FACS (Flow Cytometry)
p19 Antibody (N-term) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
p19 Antibody (N-term) IHC analysis in formalin fixed and paraffin embedded testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the p19 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of p19 Antibody (N-term) in mouse testis tissue lysates (35ug/lane). p19 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CDKN2D antibody	p19 is a member of the INK4 family of cyclin-dependent kinase inhibitors. This protein has been shown to form a stable complex with CDK4 or CDK6, and prevent the activation of the CDK kinases, thus function as a cell growth regulator that controls cell cycle G1 progression. The abundance of the transcript of this gene was found to oscillate in a cell-cycle dependent manner with the lowest expression at mid G1 and a maximal expression during S phase. The negative regulation of the cell cycle involved in this protein was shown to participate in repressing neuronal proliferation, as well as spermatogenesis.
Product Categories/Family for anti-CDKN2D antibody	Cancer; Cell biology
References	Cunningham, J.M., et al. Br. J. Cancer 101(8):1461-1468(2009) Zhang, W., et al. Acta Biochim. Biophys. Sin. (Shanghai) 41(5):414-428(2009) Agarwal, S.K., et al. J. Clin. Endocrinol. Metab. 94(5):1826-1834(2009) Goode, E.L., et al. Cancer Epidemiol. Biomarkers Prev. 18(3):935-944(2009) Mavaddat, N., et al. Cancer Epidemiol. Biomarkers Prev. 18(1):255-259(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502753
NCBI GeneID	1032

NCBI Accession #	NP_001791.1; NP_524145.1
NCBI GenBank Nucleotide #	NM_001800.3
UniProt Accession #	P55273; Q13102; Q6FGE9
Molecular Weight	17700
NCBI Official Full Name	cyclin-dependent kinase 4 inhibitor D
NCBI Official Synonym Full Names	cyclin-dependent kinase inhibitor 2D (p19, inhibits CDK4)
NCBI Official Symbol	CDKN2D
NCBI Official Synonym Symbols	p19; INK4D; p19-INK4D
NCBI Protein Information	cyclin-dependent kinase 4 inhibitor D
UniProt Protein Name	Cyclin-dependent kinase 4 inhibitor D
UniProt Gene Name	CDKN2D
UniProt Entry Name	CDN2D_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/p19-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/286298>