

Datasheet for ABIN306573 **anti-CDKN2D antibody**



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Overview

Quantity:	100 µg
Target:	CDKN2D
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDKN2D antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Radioimmunoassay (RIA)

Product Details

Immunogen:	Rabbits were immunized with purified collagen type IV from porcine kidney tissue
Clone:	DCS-100
Isotype:	IgG1
Cross-Reactivity:	Pig
Cross-Reactivity (Details):	Pig, cross-reactivity with human < 0.1 % , mouse and rat collagen IV <1 %
Characteristics:	<p>hp19, p19 ink4d, CDKN2D, Cyclin-dependent kinase 4 inhibitor D, Type IV Collagen is a non-fibrillary network of different alpha-chains: alpha 1(IV) to-alpha 6(IV). It is typically found in basal membranes of different organs (e.g. skin, lens, lung, kidney). Collagens consist of a family of highly specialized glycoproteins of which at least 16 genetically distinct types are known to date. The basal unit of a collagen molecule consists of a triple-helical structure formed by 3 alpha-chains. Predominant amino acids are glycine, proline and hydroxyproline. Regularly also</p>

Product Details

lysines and hydroxylysines occur, which are responsible for cross-linkage and glycosylation of the protein chains. Different composition of alpha-chains and different glycosylation contribute to the high variability of collagens in different tissues and organs. Porcine collagen type IV 100 % , porcine collagens type I, II, and III <0.1 %, porcine elastin, fibronectin and laminin < 0.1 % (RIA at 1:5000 dilution).

Target Details

Target:	CDKN2D
Alternative Name:	p19 - ink4d (CDKN2D Products)
Pathways:	Cell Division Cycle , Sensory Perception of Sound , Mitotic G1-G1/S Phases , Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	After de-waxing the tissue slices they are treated with 0.2 % hyaluronidase (app. 300 U/mg) in TBS 15 min at 37 °C. Thereafter non-specific binding is blocked by blocking serum or 3 % BSA in TBS. For peroxidase systems blocking with 1 % peroxide solution in TBS for 30 min at RT is recommended.,IHC(P), IFA, ELISA, RIA, IB/WB,IHC(P) 60 min at RT or 2-8 °C over night,IFA 1:80, IHC(P) 1:500, ELISA >1:200
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	Affinity purified antibody lyophilized from phosphate buffered solution, no BSA and preservative added! Reconstitute with 0.1 mL sterile bidistilled water.
Preservative:	Without preservative
Storage:	-20 °C
Storage Comment:	-20°C