

Datasheet for ABIN733463
anti-JUP antibody (AA 601-700)

2 Images

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Overview

Quantity:	100 µL
Target:	JUP
Binding Specificity:	AA 601-700
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This JUP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Cateninma gamma
Isotype:	IgG
Specificity:	This antibody may have minor cross-reactivity with catenin beta-1 based upon 75 % non-contiguous sequence similarity.
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	JUP
Alternative Name:	JUP/gamma Catenin (JUP Products)
Background:	<p>Synonyms: DP3, PDGB, PKGB, CTNNG, DPIII, ARVD12, Junction plakoglobin, Catenin gamma, Desmoplakin III, Desmoplakin-3, JUP</p> <p>Background: Common junctional plaque protein. The membrane-associated plaques are architectural elements in an important strategic position to influence the arrangement and function of both the cytoskeleton and the cells within the tissue. The presence of plakoglobin in both the desmosomes and in the intermediate junctions suggests that it plays a central role in the structure and function of submembranous plaques. Acts as a substrate for VE-PTP and is required by it to stimulate VE-cadherin function in endothelial cells. Can replace beta-catenin in E-cadherin/catenin adhesion complexes which are proposed to couple cadherins to the actin cytoskeleton (By similarity).</p>
Gene ID:	3728
UniProt:	P14923
Pathways:	Cell-Cell Junction Organization , Maintenance of Protein Location

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

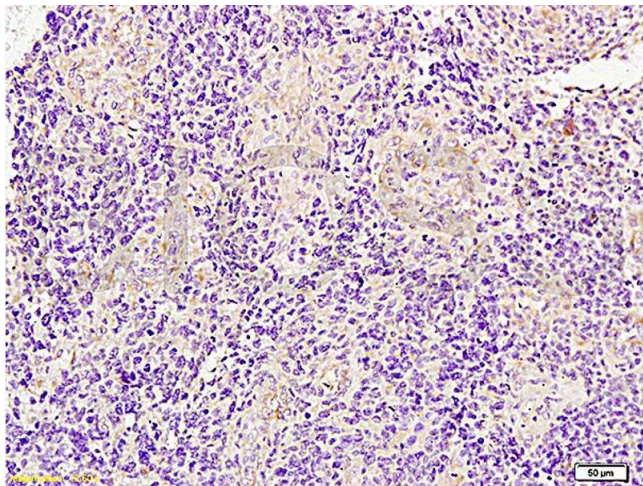
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

Handling

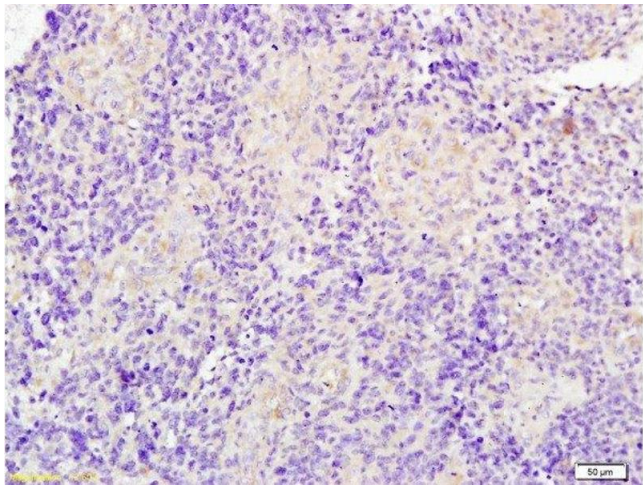
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human glioma tissue labeled with Anti-JUP/Catenin γ Polyclonal Antibody, Unconjugated (ABIN733463) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin embedded human glioma tissue labeled with Anti-JUP/Catenin γ Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining