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Datasheet for ABIN201418
anti-Plakophilin 3 antibody

Overview

Quantity:	100 µg
Target:	Plakophilin 3 (PKP3)
Reactivity:	Human, Mouse, Dog
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Plakophilin 3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Synthetic peptide from Armadillo domain of human Plakophilin-3. Type of Immunogen: Synthetic peptide
Isotype:	IgG2b
Specificity:	Reacts with the 87kD human Plakophilin-3. There is no cross reactivity with human Plakophilin-1 and Plakophilin-2 proteins. Reactivity is confirmed with human A431 cells, and HEK293 cells transfected with plasmid expressing human Plakophilin-3. Based on sequence homology, this antibody is expected to react with mouse and canine.
Purification:	Protein A purified

Target Details

Target:	Plakophilin 3 (PKP3)
Alternative Name:	PKP3 / Plakophilin 3 (PKP3 Products)
Background:	Name/Gene ID: PKP3 Synonyms: PKP3, Plakophilin 3, Plakophilin-3, Plakophilin 3b
Gene ID:	11187
UniProt:	Q9Y446

Application Details

Application Notes:	Approved: ELISA (0.1 - 1 µg/mL), IF (1 - 3 µg/mL), IHC, IHC-P, IP, WB (1 - 3 µg/mL) Usage: Suitable for use in ELISA, Immunoprecipitation (native), Immunohistochemistry (formalin fixed paraffin embedded), Immunofluorescence and Western Blot. ELISA: 0.1-1 µg/mL. Immunoprecipitation: 10 µg/IP reaction. Immunohistochemistry: 10 µg/mL. Immunofluorescence: 1-3 µg/mL. Western Blot: 1-3 µg/mL. Note: Immunofluorescent assays were performed using methanol-fixed HCT8/E8 and paraformaldehyde-fixed HaCat cells. For optimal IF results, methanol and paraformaldehyde- fixed cells should be permeabilized with 0.2 % Triton X-100 for 5 and 15 minutes, respectively, prior to incubation with primary antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, 0.1 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Short term: 4°C Long term: Add glycerol (40-50%) -20°C.