

[Go to Product page](#)

## Datasheet for ABIN204581 anti-Plakophilin 3 antibody (AA 779-793)

### Overview

Quantity:	100 µg
Target:	Plakophilin 3 (PKP3)
Binding Specificity:	AA 779-793
Reactivity:	Human, Mouse, Dog, Rat, Cow, Hamster
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Plakophilin 3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

### Product Details

Immunogen:	Synthetic peptide corresponding to aa779-793 (KLHRDFRAKGYRKED). Coupled to KLH. Percent identity by BLAST analysis: Human, Monkey, Mouse, Rat, Hamster, Elephant, Panda, Dog, Bovine (100%), Gibbon, Marmoset (93%), Turkey, Chicken (87%).  Type of Immunogen: Synthetic peptide - KLH conjugated
Isotype:	IgG2a
Specificity:	Recognizes an epitope located between residues 779-793 in human Plakophilin 3. Species cross-reactivity: mouse, canine, Xenopus.
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Monkey, Mouse, Rat, Hamster, Elephant, Panda, Dog, Bovine (100%) Gibbon, Marmoset (93%) Turkey, Chicken (87%).

## Product Details

Purification: Protein G 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: ICC, IHC, IHC-Fr (1:12 - 1:100), IP, WB (1:50 - 1:500)

Usage: Suitable for use in Immunoprecipitation, Immunohistochemistry, Immunocytochemistry and Western Blot. Immunohistochemistry (Frozen sections): 1:12.5-1:100. Fixed tissues should be treated with 0.2 % Triton-X 100 for 5 min prior to incubation with antibody. Use avian-biotinylated horseradish peroxidase complex as a detection reagent. Immunocytochemistry: Methanol fixed cells. Western Blot: 1:50-1:500. Optimum dilutions to be determined by researcher.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, pH 7.2, 0.1 % sodium azide, 40 % glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

## Handling

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Storage: 4 °C,-20 °C

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Storage Comment: 4°C or -20°C, Avoid freeze-thaw cycles.