

## Datasheet for ABIN7466733 **anti-PPFIA2 antibody**



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### Overview

Quantity:	100 µL
Target:	PPFIA2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPFIA2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunofluorescence (IF)

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Liprin alpha 2. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Purification:	Purified by antigen-affinity chromatography.

### Target Details

Target:	PPFIA2
Alternative Name:	PTPRF interacting protein alpha 2 ( <a href="#">PPFIA2 Products</a> )
Background:	PTPRF interacting protein alpha 2, The protein encoded by this gene is a member of the LAR protein-tyrosine phosphatase-interacting protein (liprin) family. Liprins interact with members of LAR family of transmembrane protein tyrosine phosphatases, which are known to be important

## Target Details

for axon guidance and mammary gland development. It has been proposed that liprins are multivalent proteins that form complex structures and act as scaffolds for the recruitment and anchoring of LAR family of tyrosine phosphatases. This protein is most closely related to PPFIA1, a liprin family member known to interact with the protein phosphatase LAR. The expression of this gene is found to be downregulated by androgens in a prostate cancer cell line. [provided by RefSeq]

Molecular Weight: 143 kDa

Gene ID: 8499

UniProt: [O75334](#)

## Application Details

Application Notes: WB: 1:5000-1:20000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: Mouse brain

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.98 mg/mL

Buffer: 0.1M Tris-Glycine ( pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.