

[Go to Product page](#)

## Datasheet for ABIN7468815 **anti-PPEF1 antibody**

### Overview

Quantity:	100 µL
Target:	PPEF1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPEF1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human PPEF1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

### Target Details

Target:	PPEF1
Alternative Name:	protein phosphatase with EF-hand domain 1 ( <a href="#">PPEF1 Products</a> )
Background:	Synonyms: protein phosphatase with EF-hand domain 1 , PP7 , PPEF , PPP7C , PPP7CA Background: This gene encodes a member of the serine/threonine protein phosphatase with EF-hand motif family. The protein contains a protein phosphatase catalytic domain, and at least

## Target Details

two EF-hand calcium-binding motifs in its C terminus. Although its substrate(s) is unknown, the encoded protein has been suggested to play a role in specific sensory neuron function and/or development. This gene shares high sequence similarity with the Drosophila retinal degeneration C (rdgC) gene. Several alternatively spliced transcript variants, each encoding a distinct isoform, have been described. [provided by RefSeq]

Molecular Weight: 76 kDa

Gene ID: 5475

UniProt: [O14829](#)

Pathways: [Regulation of G-Protein Coupled Receptor Protein Signaling](#)

## Application Details

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

Comment: Positive Control: IMR32

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 1XPBS ( pH 7), 1 % BSA, 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.