

**PPEF1 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP14395c**

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**Specification**

**PPEF1 Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [O14829](#)

**PPEF1 Antibody (Center) Blocking Peptide - Additional Information**

**Gene ID** 5475

**Other Names**

Serine/threonine-protein phosphatase with EF-hands 1, PPEF-1, Protein phosphatase with EF calcium-binding domain, PPEF, Serine/threonine-protein phosphatase 7, PP7, PPEF1, PPEF, PPP7C

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**PPEF1 Antibody (Center) Blocking Peptide - Protein Information**

**Name** PPEF1

**Synonyms** PPEF, PPP7C

**Function**

May have a role in the recovery or adaptation response of photoreceptors. May have a role in development.

**Tissue Location**

Detected in retina and retinal derived Y-79 retinoblastoma cells. Also found in fetal brain

**PPEF1 Antibody (Center) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**PPEF1 Antibody (Center) Blocking Peptide - Images**

**PPEF1 Antibody (Center) Blocking Peptide - Background**

This gene encodes a member of the serine/threonine proteinphosphatase with EF-hand motif family. The protein contains a protein phosphatase catalytic domain, and at least two EF-handcalcium-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.

**PPEF1 Antibody (Center) Blocking Peptide - References**

Ross, M.T., et al. Nature 434(7031):325-337(2005) Hillman, R.T., et al. Genome Biol. 5 (2), R8 (2004) :Gevaert, K., et al. Nat. Biotechnol. 21(5):566-569(2003) Kutuzov, M.A., et al. Biochem. Biophys. Res. Commun. 293(3):1047-1052(2002) Ramulu, P., et al. Mol. Cell. Biol. 21(24):8605-8614(2001)