

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

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)