

PTGES3 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP14751c**Specification**

PTGES3 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q15185](#)**PTGES3 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 10728**Other Names**

Prostaglandin E synthase 3, Cytosolic prostaglandin E2 synthase, cPGES, Hsp90 co-chaperone, Progesterone receptor complex p23, Telomerase-binding protein p23, PTGES3, P23, TEBP

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.

PTGES3 Antibody (Center) Blocking Peptide - Protein Information**Name** PTGES3**Synonyms** P23, TEBP**Function**

Cytosolic prostaglandin synthase that catalyzes the oxidoreduction of prostaglandin endoperoxide H₂ (PGH₂) to prostaglandin E₂ (PGE₂) (PubMed:10922363). Molecular chaperone that localizes to genomic response elements in a hormone-dependent manner and disrupts receptor-mediated transcriptional activation, by promoting disassembly of transcriptional regulatory complexes (PubMed:11274138, PubMed:12077419). Facilitates HIF alpha proteins hydroxylation via interaction with EGLN1/PHD2, leading to recruit EGLN1/PHD2 to the HSP90 pathway (PubMed:24711448).

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q3ZBF7}.

PTGES3 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PTGES3 Antibody (Center) Blocking Peptide - Images

PTGES3 Antibody (Center) Blocking Peptide - Background

Molecular chaperone that localizes to genomic response elements in a hormone-dependent manner and disrupts receptor-mediated transcriptional activation, by promoting disassembly of transcriptional regulatory complexes.

PTGES3 Antibody (Center) Blocking Peptide - References

Chen, W., et al. Proc. Natl. Acad. Sci. U.S.A. 107(16):7401-7406(2010) Lee, J.H., et al. Cancer Lett. 290(1):76-86(2010) Chadli, A., et al. J. Biol. Chem. 285(6):4224-4231(2010) Woo, S.H., et al. J. Biol. Chem. 284(45):30871-30880(2009) Mattila, S., et al. Neuropathology 29(2):156-165(2009)