

WBP2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP7786a**Specification**

WBP2 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q969T9](#)**WBP2 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 23558**Other Names**

WW domain-binding protein 2, WBP-2, WBP2

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP7786a](/products/AP7786a) was selected from the N-term region of human WBP2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

WBP2 Antibody (N-term) Blocking Peptide - Protein Information**Name** WBP2**Function**

Acts as a transcriptional coactivator of estrogen and progesterone receptors (ESR1 and PGR) upon hormone activation (PubMed: [16772533](http://www.uniprot.org/citations/16772533)). In presence of estrogen, binds to ESR1-responsive promoters (PubMed: [16772533](http://www.uniprot.org/citations/16772533)). Required for YAP1 coactivation function on PGR activity (PubMed: [16772533](http://www.uniprot.org/citations/16772533)). Synergizes with WBP2 in enhancing PGR activity (PubMed: [16772533](http://www.uniprot.org/citations/16772533)). Modulates expression of post-synaptic scaffolding proteins via regulation of ESR1, ESR2 and PGR (By similarity).

Cellular Location

Cytoplasm. Nucleus. Note=Translocates from cytoplasm to nucleus when phosphorylated.

Tissue Location

Ubiquitous.

WBP2 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

WBP2 Antibody (N-term) Blocking Peptide - Images**WBP2 Antibody (N-term) Blocking Peptide - Background**

The globular WW domain is composed of 38 to 40 semiconserved amino acids shared by proteins of diverse functions including structural, regulatory, and signaling proteins. The domain is involved in mediating protein-protein interactions through the binding of polyproline ligands. WBP2 is a WW domain binding protein, which binds to the WW domain of Yes kinase-associated protein by its PY motifs. The function of this protein has not been determined.

WBP2 Antibody (N-term) Blocking Peptide - References

Dhananjayan,S.C., Mol. Endocrinol. 20 (10), 2343-2354 (2006)Nitsch,R., Biochem. J. 377 (PT 3), 553-560 (2004)Jolliffe,C.N., Biochem. J. 351 PT 3, 557-565 (2000)