

**PAX1 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP10458b**

**Specification**

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**PAX1 Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [P15863](#)  
Other Accession [NP\\_006183.2](#)

**PAX1 Antibody (C-term) Blocking Peptide - Additional Information**

**Gene ID** 5075

**Other Names**

Paired box protein Pax-1, HuP48, PAX1, HUP48

**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.

**PAX1 Antibody (C-term) Blocking Peptide - Protein Information**

**Name** PAX1

**Synonyms** HUP48

**Function**

This protein is a transcriptional activator. It may play a role in the formation of segmented structures of the embryo. May play an important role in the normal development of the vertebral column (By similarity).

**Cellular Location**

Nucleus.

**PAX1 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**PAX1 Antibody (C-term) Blocking Peptide - Images**

### **PAX1 Antibody (C-term) Blocking Peptide - Background**

The PAX genes, including PAX1, are a highly conserved family of developmental control genes that encode transcription factors and have been shown to play a role in pattern formation during embryogenesis in vertebrates (McGaughan et al., 2003[PubMed 12774041]). See PAX7 (MIM 167410) for a discussion of paired box domain genes.

### **PAX1 Antibody (C-term) Blocking Peptide - References**

Huang, T.H., et al. Int. J. Gynecol. Cancer 20(4):513-519(2010) Yerges, L.M., et al. J. Bone Miner. Res. 24(12):2039-2049(2009) Hillmer, A.M., et al. Nat. Genet. 40(11):1279-1281(2008) Richards, J.B., et al. Nat. Genet. 40(11):1282-1284(2008) Fei, Q., et al. Zhonghua Yi Xue Za Zhi 88(37):2597-2602(2008)