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PAX1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10458b

Specification

PAX1 Antibody (C-term) - Product Information

Application	**WB, FC,E**
Primary Accession	P15863
Other Accession	NP_006183.2
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**55499**
Antigen Region	**443-471**

PAX1 Antibody (C-term) - Additional Information

Gene ID 5075

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

Target/Specificity
This PAX1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 443-471 amino acids from the C-terminal region of human PAX1.

Dilution
WB~~1:1000
FC~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
PAX1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PAX1 Antibody (C-term) - 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).

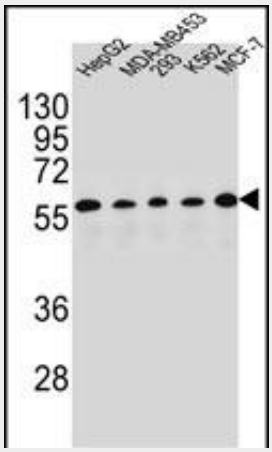
Cellular Location
Nucleus.

PAX1 Antibody (C-term) - Protocols

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

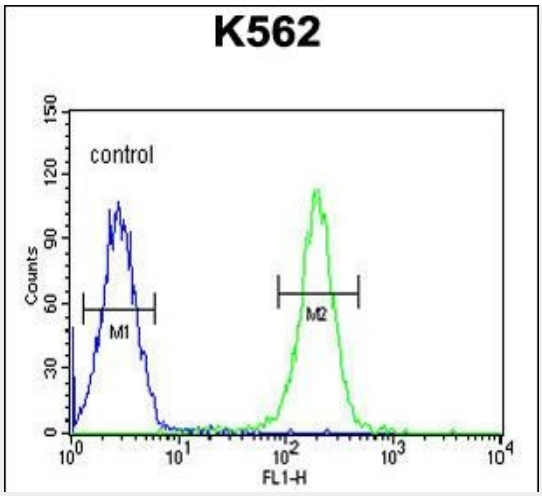
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PAX1 Antibody (C-term) - Images



PAX1 Antibody (C-term) (Cat. #AP10458b) western blot analysis in HepG2,MDA-MB453,293,K562,MCF-7 cell line lysates (35ug/lane).This demonstrates the PAX1 antibody detected the PAX1 protein (arrow).

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PAX1 Antibody (C-term) (Cat. #AP10458b) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

PAX1 Antibody (C-term) - 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 (McGaughran et al., 2003 [PubMed 12774041]). See PAX7 (MIM 167410) for a discussion of paired box domain genes.

PAX1 Antibody (C-term) - 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)