

Product datasheet for **AP53177PU-N**

PAX1 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500. Flow Cytometry: 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 356-385 amino acids from the C-terminal region of Human PAX1
Specificity:	This antibody recognizes Human PAX1 (C-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	55499 Da
Gene Name:	paired box 1
Database Link:	Entrez Gene 5075 Human P15863



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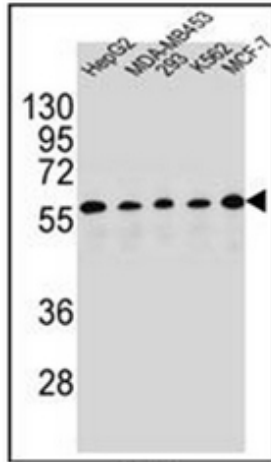
Background:

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.

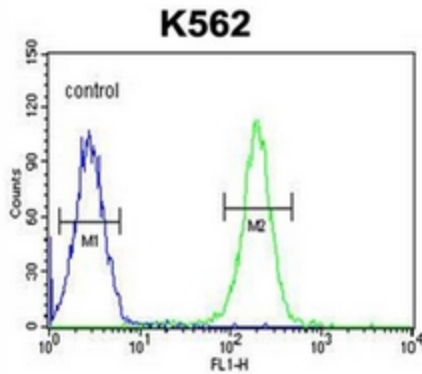
Synonyms:

Pax-1, HUP48

Product images:



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



Flow Cytometric analysis of K562 cells using PAX1 Antibody (C-term) (right histogram) compared to a negative control cell (left histogram). FITC-conjugated Goat-anti-Rabbit secondary antibodies were used for the analysis.