

Anti-PAX1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human, Mouse (predicted: Rat, Dog, Pig, Cow, Rabbit, Sheep)
Molecular Weight:	Theoretical: 55 kDa. Actual: 60 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample:
	Lane 1: Mouse Thymus Lysates
	Lane 2: Mouse Embryo Lysates
	Lane 3: Human U-2 OS cell Lysates
	Lane 4: Human HL-60 cell Lysates
	Lane 5: Human Raji cell Lysates
	Primary: Anti-PAX1 (TMAB-10010) at 1/1000 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
	Predicted band size: 55 kDa
	Observed band size: 60 kDa
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human PAX1
Antigen Species:	Human
Gene ID:	5075
Uniprot ID:	P15863

Research Background

This gene is a member of the paired box (PAX) family of transcription factors. Members of the PAX family typically contain a paired box domain and a paired-type homeodomain. These genes play critical roles during fetal development. This gene plays a role in pattern formation during embryogenesis and may be essential for development of the vertebral column. This gene is silenced by methylation in ovarian and cervical cancers and may be a tumor suppressor gene. Mutations in this gene are also associated with vertebral malformations. [provided by RefSeq, Mar 2012]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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