

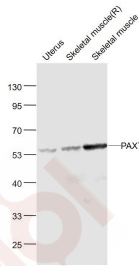
Anti-PAX7 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat (predicted:Human,Chicken,Pig,Cow,Horse,Rabbit,Sheep)
Molecular Weight:	Theoretical: 55 kDa. Actual: 56 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample:
	Uterus (Mouse) Lysate at 40 µg
	Skeletal muscle (Rat) Lysate at 40 µg
	Skeletal muscle (Mouse) Lysate at 40 µg
	Primary: Anti-PAX7 (TMAB-01339) at 1/1000 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
	Predicted band size: 56 kDa
	Observed band size: 56 kDa



Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	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 PAX7
Antigen Species:	Human
Gene ID:	5081
Uniprot ID:	P23759
Synonyms:	Paired box gene 7;Paired domain gene HuP1;RGD1564360;Paired box 7;PAX7;PAX7 transcriptional factor;Paired box protein Pax-7;Paired domain gene 7;HUP1; OTTHUMP00000002534;PAX7/FKHR fusion gene, included;FLJ37460;Paired box homeotic gene 7;PAX7B
Biology Area:	Ectoderm,Muscle,PAX,Ectoderm,Myogenesis

Research Background

PAX7 is a member of the paired box (PAX) family of transcription factors. Members of this gene family typically contain a paired box domain, an octapeptide, and a paired-type homeodomain. These genes play critical roles during fetal development and cancer growth. The specific function of PAX7 is unknown but it is speculated to be involved in tumor suppression since fusion of this gene with a forkhead domain family member has been associated with alveolar rhabdomyosarcoma. Alternative splicing in this gene has produced two known products but the biological significance of the variants is unknown.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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