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PAX7 Polyclonal Antibody

Catalog Number **PA5-27253**

Product data sheet

Details	
Size	100 µL
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Immunogen	Synthetic peptide corresponding to a region within amino acids 456 and 520 of Human PAX7
Conjugate	Unconjugated
Form	Liquid
Concentration	1 mg/mL
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

Species Reactivity	
Species reactivity	Human, Mouse

Tested Applications	Dilution *
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000
Western Blot (WB)	1:500-1:3,000

* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

Product specific information

Recommended positive controls: 293T, A431, HeLaS3, HepG2, Molt-4, Raji, mouse fetal brain. Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

This gene 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 the paired box 7 gene is unknown but speculated to involve tumor suppression since fusion of this gene with a forkhead domain family member has been associated with alveolar rhabdomyosarcoma. Three transcript variants encoding different isoforms have been found for this gene.

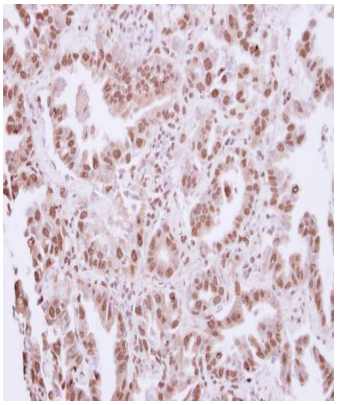
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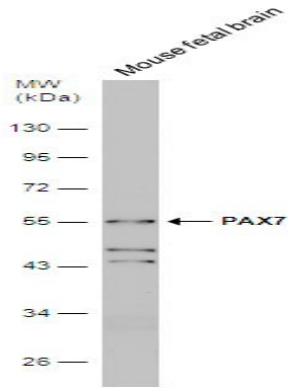
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Product Images For PAX7 Polyclonal Antibody



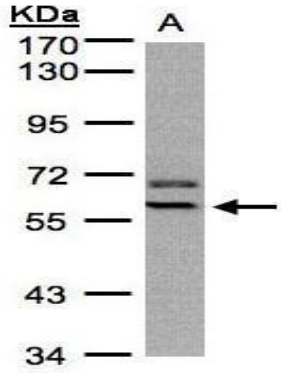
PAX7 Antibody (PA5-27253) in IHC (P)

Immunohistochemical analysis of paraffin-embedded human lung adenocarcinoma, using PAX7 (Product # PA5-27253) antibody at 1:250 dilution. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.



PAX7 Antibody (PA5-27253) in WB

Western Blot analysis of PAX7 was performed by separating 50 µg of mouse tissue extract by 10% SDS-PAGE. Proteins were transferred to a membrane and probed with a PAX7 Polyclonal Antibody (Product # PA5-27253) at a dilution of 1:1000.



PAX7 Antibody (PA5-27253) in WB

Western Blot using PAX7 Polyclonal Antibody (Product # PA5-27253). Sample (30 µg whole cell lysate). A: Hep G2. 7.5% SDS PAGE. PAX7 Polyclonal Antibody (Product # PA5-27253) diluted at 1:1,000.

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