

PAX7 antibody

Cat. No. GTX54533

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IP
Reactivity	Human, Mouse

Package
100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000 - 1:2000
ICC/IF	1:20-1:200
IP	3 µg

Not tested in other applications.

Calculated MW

55 kDa. ([Note](#))

Product Note

This antibody detects a prominent ~54 kDa protein in human HeLa, MCF7, rhabdomyosarcoma and skeletal muscle satellite cells and a weaker ~57 kDa protein in HeLa, rhabdomyosarcoma and skeletal muscle satellite cells. The ~57 kDa band seems to be enriched in immunoprecipitations from HeLa lysate, suggesting a bias for the larger isoform in this application. Weak unknown bands of lower molecular weight and at ~110-130 kDa are also detected. Specificity of the antibody was also confirmed in HeLa cells overexpressing full length PAX7.

Properties

Form	Liquid
Buffer	PBS, 0.1% BSA, 30% Glycerol
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Purified internal fragment of human recombinant PAX7 expressed in E. coli.
Purification	Protein G purified
Conjugation	Unconjugated



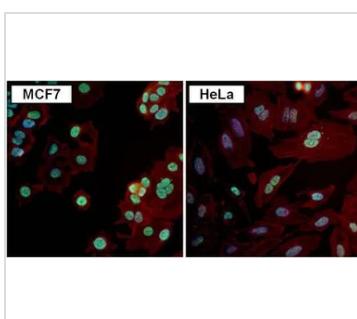
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES**GTX54533 ICC/IF Image**

ICC/IF analysis of MCF7 and HeLa cells using GTX54533 PAX7 antibody.

Green : Primary antibody

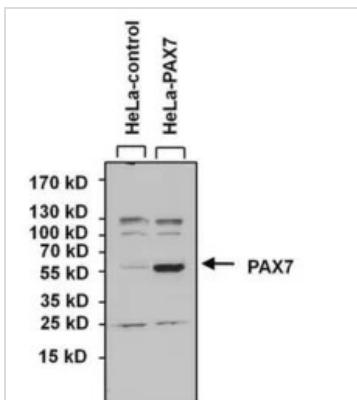
Blue : Nuclei

Red : Actin

Fixation : Formalin

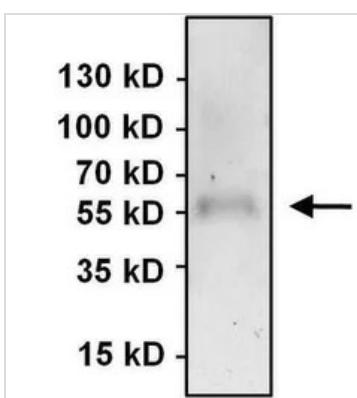
Permeabilization : 0.1% Triton X-100 in TBS for 10 minutes

Dilution : 1:100 for at least 1 hour at room temperature

**GTX54533 WB Image**

WB analysis of 50 μ g of HeLa lysate overexpressing PAX7 (right lane) or empty vector control (left lane) using GTX54533 PAX7 antibody.

Dilution : 1:1000

**GTX54533 IP Image**

IP analysis of HeLa cell lysates using GTX54533 PAX7 antibody.

IP reaction : 3 μ g antibody / 500 μ g lysate

Dilution : 1:1000



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