

PAX6 antibody [HL2599]

Cat. No. GTX639051

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse, Rat, Dog

Package
100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:10000
ICC/IF	Assay dependent
IHC-P	Assay dependent

Not tested in other applications.

Observed MW (kDa) 47 kDa.

Product Note This antibody may not be suitable for human IHC-P assay, as its human reactivity is based on WB/ICC/IF testing. It is specific for human PAX6 protein, and it does not cross react with human PAX2, PAX4, PAX5, and PAX8 protein.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
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	Recombinant fragment of Human PAX6.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated



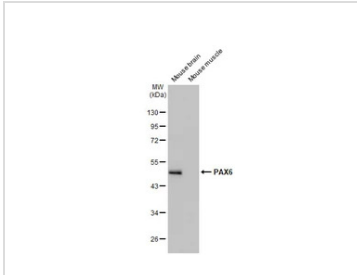
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Date 2026 / 10 / 11 Page 1 of 2

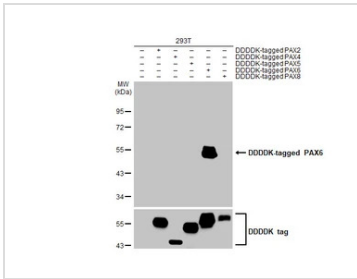
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Note

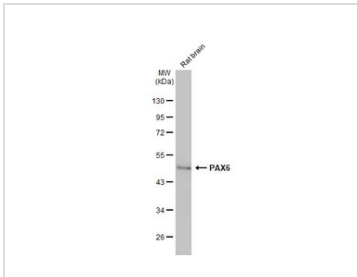
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DATA IMAGES

GTx639051 WB Image

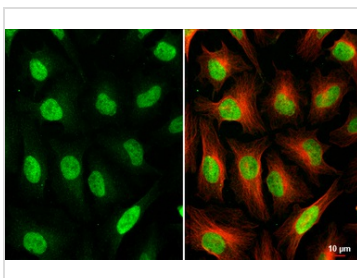
Various tissue extracts (50 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with PAX6 antibody [HL2599] (GTx639051) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


GTx639051 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts were separated by 10% SDS-PAGE, and the membrane was blotted with PAX6 antibody [HL2599] (GTx639051) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


GTx639051 WB Image

Rat tissue extract (50 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with PAX6 antibody [HL2599] (GTx639051) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


GTx639051 ICC/IF Image

PAX6 antibody [HL2599] detects PAX6 protein at nucleus by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: PAX6 stained by PAX6 antibody [HL2599] (GTx639051) diluted at 1:500.

Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTx628802) diluted at 1:1000.



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