

Product Datasheet

PAX6 Antibody (Center) (orb1929707)

Catalog Number	orb1929707
Category	Antibodies
Description	Affinity Purified Rabbit Polyclonal Antibody (Pab)
Target	PAX6
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human
Predicted Reactivity	Mouse, Other, Rat
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Immunogen	This PAX6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 183-210 amino acids from the Central region of human PAX6. Antigen Region: 183-210 aa.
UniProt ID	P26367
MW	46683 Da
Tested applications	FC, IF, IHC-P, WB
Dilution range	IF - 1:10-50, WB - 1:1000, IHC-P - 1:10-50, FC - 1:10-50

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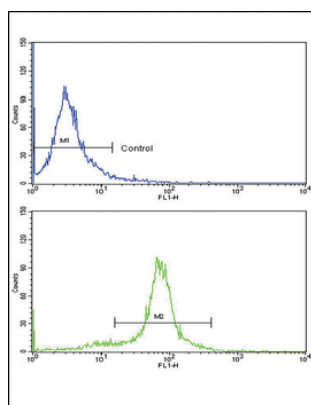
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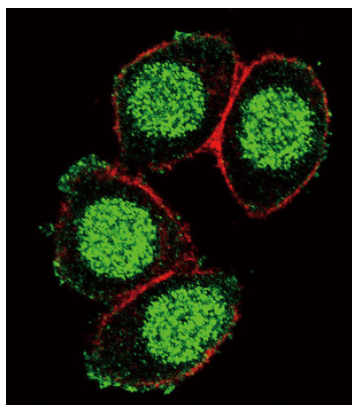
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Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
NCBI	NP_000271.1, NP_001595.2, NP_001121084.1, NP_001245393.1, NP_001245394.1
Expiration Date	12 months from date of receipt.



Flow cytometric analysis of HeLa cells using PAX6 Antibody (Center) (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Confocal immunofluorescent analysis of PAX6 Antibody (Center) with HeLa cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red).

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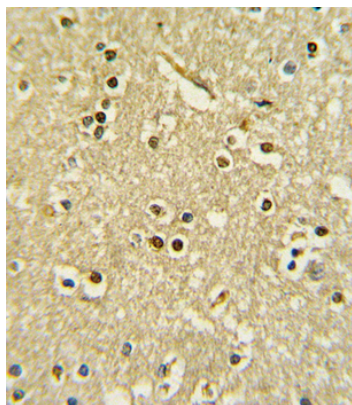
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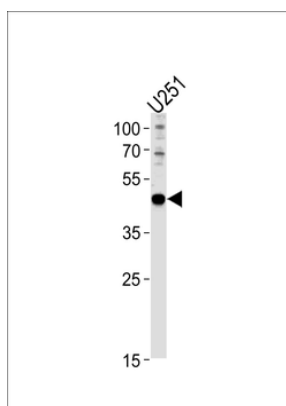
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Formalin-fixed and paraffin-embedded human brain tissue with PAX6 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



PAX6 Antibody (Center) western blot analysis in U251 cell line lysates (35 ug/lane). This demonstrates the PAX6 antibody detected the PAX6 protein (arrow).

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