

## Product Datasheet

### PAX6-T373 Antibody (orb1929706)

<b>Catalog Number</b>	orb1929706
<b>Category</b>	Antibodies
<b>Description</b>	Affinity Purified Rabbit Polyclonal Antibody (Pab)
<b>Target</b>	PAX6
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Rat
<b>Form/Appearance</b>	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.
<b>Immunogen</b>	This PAX6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 352-380 amino acids from human PAX6. Antigen Region: 352-380 aa.
<b>UniProt ID</b>	<b>P26367</b>
<b>MW</b>	46683 Da
<b>Tested applications</b>	IF, IHC-P, WB
<b>Dilution range</b>	IF - 1:10-50, WB - 1:2000, IHC-P - 1:10-50
<b>Antibody Type</b>	Primary Antibody

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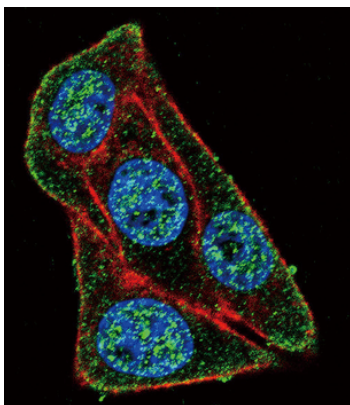
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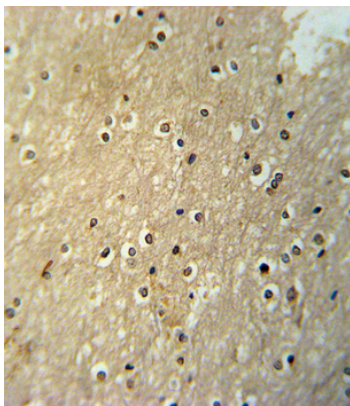
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<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
<b>Note</b>	For research use only
<b>NCBI</b>	<a href="#">NP_000271.1</a> , <a href="#">NP_001595.2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



Confocal immunofluorescent analysis of PAX6-T373 Antibody 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). DAPI was used to stain the cell nuclear (blue).



PAX6-T373 Antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PAX6-T373 Antibody for immunohistochemistry. Clinical relevance has not been evaluated.

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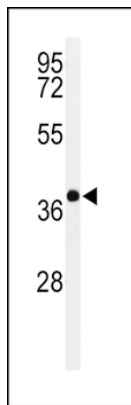
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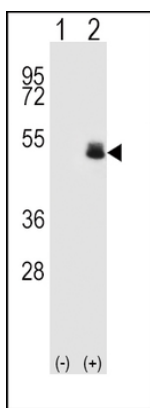
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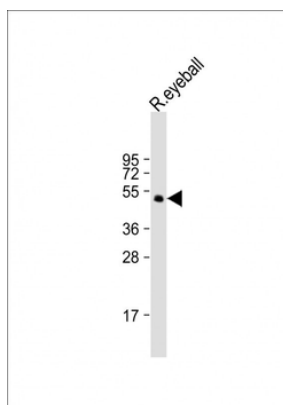
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Western blot analysis of PAX6-T373 in Y79 cell line lysates (35 ug/lane). PAX6 (arrow) was detected using the purified Pab.



Western blot analysis of PAX6 (arrow) using rabbit polyclonal PAX6 Antibody (T373). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the PAX6 gene.



Anti-PAX6-T373 Antibody at 1:2000 dilution + rat eyeball lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 47 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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