

## PAX6-T373 Antibody

Catalog_no :	AB2457
Reactivity :	H, Rat
Category :	抗原抗体
Size :	100 $\mu$ L/50 $\mu$ L
Immunogen :	HUMAN:352-380
Specificity :	This PAX6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 352-380 amino acids from human PAX6.
Dilution :	WB,1:2000;WB,1:1000;WB,1:1000;IHC-P,1:10~50;
Purification :	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.
Other_name :	Paired box protein Pax-6, Aniridia type II protein, Oculorhombin, PAX6, AN2
Isotype :	Rabbit Ig
Background :	PAX6 encodes paired box gene 6, one of many human homologs of the <i>Drosophila melanogaster</i> gene <i>prd</i> . In addition to the hallmark feature of this gene family, a conserved paired box domain, the encoded protein also contains a homeo box domain. Both domains are known to bind DNA, and function as regulators of gene transcription. This gene is expressed in the developing nervous system, and in developing eyes. Mutations in this gene are known to cause ocular disorders such as aniridia and Peter's anomaly.
reference :	Zhang, Y., et al. J. Biol. Chem. 285(4):2527-2536(2010) McGeachie, M., et al. Circulation 120(24):2448-2454(2009) Schmidt-Sidor, B., et al. Folia Neuropathol 47(4):372-382(2009) Ng, T.K., et al. Mol. Vis. 15, 2239-2248 (2009)