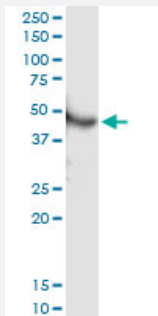


PAX6 (Human) IP-WB Antibody Pair

Catalog # H00005080-PW1

Size 1 Set

Applications



Immunoprecipitation of PAX6 transfected lysate using rabbit polyclonal anti-PAX6 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse polyclonal anti-PAX6.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of PAX6 transfected lysate using rabbit polyclonal anti-PAX6 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse polyclonal anti-PAX6.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-PAX6 (300 ul) 2. Antibody pair for WB: mouse polyclonal anti-PAX6 (50 ul)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — PAX6

Entrez GeneID [5080](#)

Gene Name PAX6

Gene Alias AN, AN2, D11S812E, MGC17209, MGDA, WAGR

Gene Description paired box 6

Omim ID [106210](#) [120200](#) [120430](#) [129750](#) [136520](#) [148190](#) [165550](#) [603807](#) [607108](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes paired box gene 6, one of many human homologs of the Drosophila melanogaster gene prd. 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. Alternatively spliced transcript variants encoding either the same or different isoform have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000038833|OTTHUMP00000038834|OTTHUMP00000038835|OTTHUMP00000038836|OTTHUMP00000038837|OTTHUMP00000038838|OTTHUMP00000038839|OTTHUMP00000038840|paired box gene 6|paired box homeotic gene-6

Pathway

- [Maturity onset diabetes of the young](#)

Disease

- [Abnormalities](#)
- [Alcoholism](#)
- [Atherosclerosis](#)
- [Atrophy](#)
- [Autistic Disorder](#)
- [Blepharoptosis](#)
- [Calcinosis](#)

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Myopia](#)
- [Photophobia](#)
- [Retinal Diseases](#)
- [Tobacco Use Disorder](#)
- [Vision Disorders](#)