

Rabbit Paired Box Gene 6 Polyclonal Antibody | anti-PAX6 antibody

Paired Box Gene 6 (PAX6) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145231	Rabbit	Rat, Human, Mouse	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

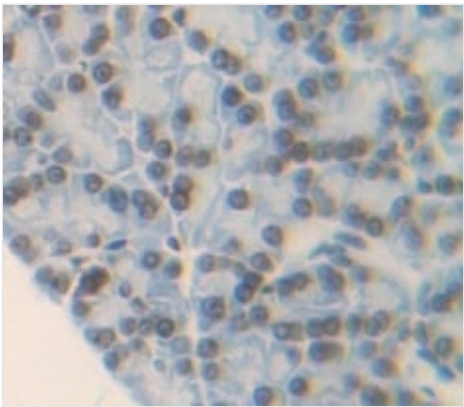
PRODUCT SYNONYMS

Paired Box Gene 6; Polyclonal Antibody; Paired Box Gene 6 (PAX6) Polyclonal Antibody; AN; AN2; MGDA; WAGR; Oculorhombin; Aniridia; Keratitis; Aniridia type II protein; anti-PAX6 antibody

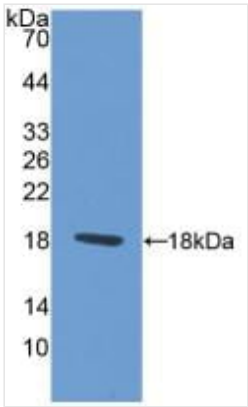
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat, Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against PAX6. It has been selected for its ability to recognize PAX6 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	436
Applicable Applications for anti-PAX6 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Rat
Organism Species	Rat
Fragment	PAX6 (Met1~Leu130)
Quality Control	Content: The quality control contains recombinant PAX6 (Met1~Leu130) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescient (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

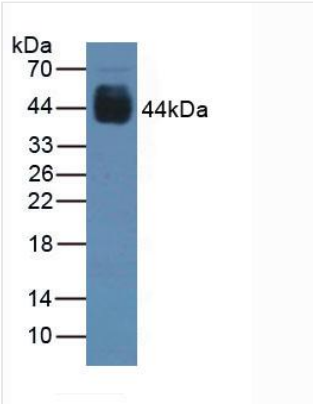
IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P. Samples: Rat Tissue



WB (Western Blot)
Western Blot: Sample: Recombinant PAX6, Rat.



WB (Western Blot)
Western Blot: Sample: Rat Stomach Tissue.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6981334
NCBI GeneID	25509
NCBI Accession #	NP_037133.1
NCBI GenBank Nucleotide #	NM_013001.2
UniProt Accession #	P63016; P32117; P70601; Q62222; Q64037; Q6QHS5; Q701Q8; A1A5N7
Molecular Weight	48,263 Da
NCBI Official Full Name	paired box protein Pax-6
NCBI Official Synonym Full Names	paired box 6
NCBI Official Symbol	Pax6
NCBI Protein Information	paired box protein Pax-6
UniProt Protein Name	Paired box protein Pax-6
UniProt Gene Name	Pax6
UniProt Synonym Gene Names	Pax-6; Sey

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

