Rabbit PAX6 Polyclonal Antibody | anti-PAX6 antibody

PAX6 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA314027	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

PAX6; Polyclonal Antibody; PAX6 Rabbit Polyclonal Antibody; AN; AN2; ASGD5; D11S812E; FVH1; MGDA; WAGR; anti-PAX6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-PAX6 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human PAX6 (NP_000271.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of U-2 OS cells using PAX6 at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using PAX6 at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-PAX6 antibody	This gene encodes a homeobox and paired domain-containing protein that binds DNA and functions as a regulator of transcription. Activity of this protein is key in the development of neural tissues, particularly the eye. This gene is regulated by multiple enhancers located up to hundreds of kilobases distant from this locus. Mutations in this gene or in the enhancer regions can cause ocular disorders such as aniridia and Peter's anomaly. Use of alternate promoters and alternative splicing result in multiple transcript variants encoding different isoforms.
Product Categories/Family for anti-PAX6 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505615
NCBI GeneID	5080

NCBI Accession #	NP_000271.1
NCBI GenBank Nucleotide #	NM_000280.4
UniProt Accession #	P26367; Q6N006; Q99413
Molecular Weight	422
NCBI Official Full Name	paired box protein Pax-6 isoform a
NCBI Official Synonym Full Names	paired box 6
NCBI Official Symbol	PAX6
NCBI Official Synonym Symbols	AN; AN2; MGDA; WAGR; D11S812E
NCBI Protein Information	paired box protein Pax-6; oculorhombin; aniridia type II protein; paired box homeotic gene-6
UniProt Protein Name	Paired box protein Pax-6
UniProt Gene Name	**PAX6**
UniProt Synonym Gene Names	AN2
UniProt Entry Name	PAX6_HUMAN

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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/pax6-antibody-immunofluorescence-western-blot-elisa/314027