

KD-Validated Anti-Paired box 6 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody
Catalog # AGI1263

Product Information

Application	WB, FC, ICC
Primary Accession	P26367
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB 2875
Calculated MW	46683
Gene Name	PAX6
Aliases	Paired Box 6; D11S812E; WAGR; AN2; AN; Paired Box Protein Pax-6; Aniridia Type II Protein; Oculorhombin; Aniridia 1; Aniridia 2; AN1; Paired Box Gene 6 (Aniridia, Keratitis); Paired Box 6 PAX6A-ASdel6-AS7 Isoform; Paired Box 6 PAX6A-ASdel6 Isoform; Paired Box 6 PAX6B-ASdel6 Isoform; Paired Box 6 PAX6A-Del6 Isoform; Paired Box 6 PAX6-12a Isoform; Paired Box 6 PAX6D Isoform; Paired Box Homeotic Gene-6; Alternative Protein PAX6; Aniridia, Keratitis; ASGD5; FVH1; MGDA;
Immunogen	A synthesized peptide derived from human PAX6

Additional Information

Gene ID	5080
Other Names	Paired box protein Pax-6, Aniridia type II protein, Oculorhombin, PAX6, AN2

Protein Information

Name	PAX6
Synonyms	AN2
Function	Transcription factor with important functions in the development of the eye, nose, central nervous system and pancreas. Required for the differentiation of pancreatic islet alpha cells (By similarity). Competes with PAX4 in binding to a common element in the glucagon, insulin and somatostatin promoters. Regulates specification of the ventral neuron subtypes by establishing the correct progenitor domains (By similarity). Acts as a transcriptional repressor of NFATC1- mediated gene expression (By similarity).
Cellular Location	Nucleus {ECO:0000250 UniProtKB:P63015}. [Isoform 5a]; Nucleus {ECO:0000250 UniProtKB:P63016}

Tissue Location

[Isoform 1]: Expressed in lymphoblasts.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.