

Immunotag™ PAX6 Antibody

Antibody Specification	
Catalog No.	ITA7585
Product Description	Immunotag™ PAX6 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PAX6
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:1000-3000 IHC 1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human PAX6
Specificity	PAX6 Antibody detects endogenous levels of total PAX6
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	PAX6
Accession No.	P26367
Alternate Names	AN 2; AN; AN2; Aniridia type II protein; D11S812E; FVH1; KIAA0552; Leucine zipper putative tumor suppressor 3; LZTS3; MGC17209; MGDA; Oculorhombin; Paired box 6; Paired box gene 6 (aniridia keratitis); Paired Box Gene 6; Paired box homeotic gene 6; Paired box protein Pax-6; Paired box protein Pax6; PAX 6; PAX6; PAX6_HUMAN; ProSAP-interacting protein 1; PROSAPIP1; Sey; WAGR;

Antibody Specification

Description	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). Isoform 5a appears to function as a molecular switch that specifies target genes.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	47 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.