

Anti-PAX6 Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R011226

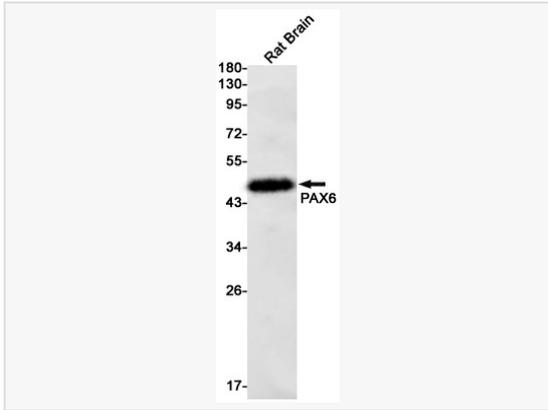
Product Information

Application	WB, ELISA
Reactivity	Rat
Dilution	WB 1:500~1:1,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	50K97K38
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human PAX6
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-PAX6 antibody [50K97K38] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	PAX6, AN2, Paired box protein Pax-6, Aniridia type II protein, Oculorhombin.
Calculated MW	Calculated MW: 47 kDa; Observed MW: 47 kDa
Uniprot ID	P26367
Gene ID	5080
Background	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).

Validation Images



Western blot analysis of PAX6 in rat Brain lysates using PAX6 antibody.