

For Research Use Only

# CoraLite®647-conjugated PAX6 Polyclonal antibody



Catalog Number: CL650-12323

Featured Product

## Basic Information

Catalog Number:

CL650-12323

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2984

GenBank Accession Number:

BC011953

GeneID (NCBI):

5080

UNIPROT ID:

P26367

Full Name:

paired box 6

Calculated MW:

47 kDa

Observed MW:

47 kDa

Purification Method:

Antigen affinity purification

Excitation/Emission maxima  
wavelengths:

654 nm / 674 nm

## Applications

Tested Applications:

FC (Intra)

Species Specificity:

human, mouse, rat

## Background Information

PAX6, a paired domain and homeodomain-containing transcription factor. Interaction with TRIM11 leads to ubiquitination of PAX6 and its proteasomal degradation. PAX6 is one of the earliest genes expressed in the eye field and considered a master control gene for retinal and eye development. PAX6 also regulates the development of the olfactory, central nervous systems, pituitary, and pancreas. PAX6 mutations can cause complex ocular disorders such as aniridia and Peter's anomaly.

## Storage

Storage:

Store at -20°C. Avoid exposure to light.

Storage Buffer:

PBS with 0.09% sodium azide.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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## Selected Validation Data