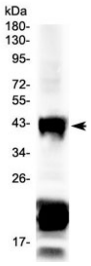
CHX10 Antibody / VSX2 (R32968)

Catalog No.	Formulation	Size
R32968	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Predicted Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	P58304
Applications	Western Blot: 0.5-1ug/ml
Limitations	This CHX10 antibody is available for research use only.



Western blot testing of mouse eye ball lysate with CHX10 antibody at 0.5ug/ml. Predicted molecular weight ~39 kDa.

Description

Visual system homeobox 2 is a protein that in humans is encoded by the VSX2 gene. This gene encodes a homeobox protein originally described as a retina-specific transcription factor. Mutations in this gene are associated with microphthalmia, cataracts and iris abnormalities. In situ hybridization to human fetal retinal sections detected CHX10 expression in retinal neuroblasts at all stages examined. Human CHX10 is expressed in progenitor cells of the developing neuroretina and in the inner nuclear layer of the mature retina.

Application Notes

Optimal dilution of the CHX10 antibody should be determined by the researcher.

Immunogen

A recombinant human protein corresponding to amino acids A249-A361 was used as the immunogen for the CHX10 antibody.

Storage

After reconstitution, the CHX10 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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