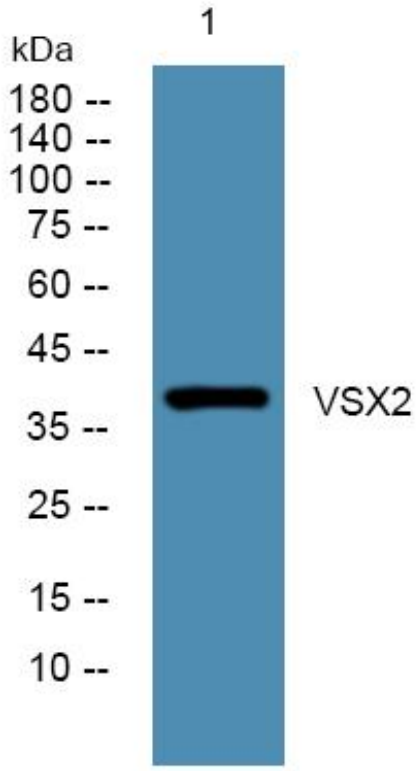
VSX2 Monoclonal Antibody

Catalog No	BYmab-04974
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	VSX2 CHX10 HOX10
Protein Name	Visual system homeobox 2 (Ceh-10 homeodomain-containing homolog) (Homeobox protein CHX10)
Immunogen	Synthesized peptide derived from human protein . at AA range: 70-150
Specificity	VSX2 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	39kD
Cell Pathway	Nucleus .
Tissue Specificity	Abundantly expressed in retinal neuroblasts during eye development and in the inner nuclear layer of the adult retina. Within this layer, expression is stronger in the outer margin where bipolar cells predominate.
Function	disease:Defects in VSX2 are the cause of microphthalmia isolated type 2 (MCOP2) [MIM:610093]; also known as isolated clinical anophthalmia. Microphthalmia is a clinically heterogeneous disorder of eye formation, ranging from small size of a single eye to complete bilateral absence of ocular tissues. Ocular abnormalities like opacities of the cornea and lens, scaring of the retina and choroid, cataractand other abnormalities like cataract may also be present.,disease:Defects in VSX2 are the cause of microphthalmia isolated with coloboma type 3 (MCOPCB3) [MIM:610092]; also known as isolated colobomatous microphthalmia 3. Ocular colobomas are a set of malformations resulting from abnormal morphogenesis of the optic cup and stalk, and the fusion

	of the fetal fissure (optic fissure).,disease:Defects in VSX2 are the cause of microphthalmia with cataracts and iris abnormalities (MCOPCTI) [MIM:6
Background	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. [provided by RefSeq, Oct 2009],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using VSX2 Monoclonal Antibody