

MaxPab®

SIX6 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004990-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human SIX6 protein.
Immunogen	SIX6 (ABZ92173.1, 1 a.a. ~ 246 a.a) full-length human protein.
Sequence	MFQLPILNFSPQQVAGVCETLEESGDVERLGRFLWSLPVAPAAACEALNKNESVLRARAIVAFHG GNYRELYHILENHKFTKESHAKLQALWLEAHYQEA EKLRGRPLGPVDKYRVRKKFPLPRTWDGE QKTHCFKERTRNLLREWYLQDPYPNPSKKRELAQATGLTPTQVGNWFKNRRQRDRAAAANKRL QQQVLSQGSGRALRAEGDGTPEVLGVATSPAASLSSKAATSAISITSSDSECDI
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (98)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — SIX6

Entrez GeneID [4990](#)

GeneBank Accession#	EU446644.1
Protein Accession#	ABZ92173.1
Gene Name	SIX6
Gene Alias	MCOPCT2, OPTX2, Six9
Gene Description	SIX homeobox 6
Omim ID	212550 606326
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a homeobox protein that is similar to the Drosophila 'sine oculis' gene product. This gene is found in a cluster of related genes on chromosome 14 and is thought to be involved in eye development. Defects in this gene are a cause of isolated microphthalmia with cataract type 2 (MCOPCT2). [provided by RefSeq]
Other Designations	OTTHUMP00000070922 optic homeobox 2 sine oculis homeobox homolog 6

Disease

- [Anophthalmos](#)
- [Coloboma](#)
- [Microphthalmos](#)