

SIX6 Antibody (R32973)

Catalog No.	Formulation	Size
R32973	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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Availability	1-3 business days
Species 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	O95475
Applications	Western Blot : 0.5-1ug/ml
Limitations	This SIX6 antibody is available for research use only.



Western blot testing of human HeLa cell lysate with SIX6 antibody at 0.5ug/ml. Predicted molecular weight ~28 kDa.

Description

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).

Application Notes

Optimal dilution of the SIX6 antibody should be determined by the researcher.

Immunogen

A recombinant human protein corresponding to amino acids A188-I246 was used as the immunogen for the SIX6 antibody.

Storage

After reconstitution, the SIX6 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.