

## Six3/6 Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP08331
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human SIX6. AA range:121-170
Mol wt	27687
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IF, ELISA
Concentration	1 mg/ml
Full name	Six3/6 Antibody
Synonyms	SIX6; OPTX2; SIX9; Homeobox protein SIX6; Homeodomain protein OPTX2; Optic homeobox 2; Sine oculis homeobox homolog 6

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

Homeobox protein SIX6 encoded by SIX6 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).

### Recommended Dilution

WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

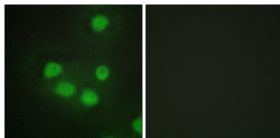
ELISA: 1: 20000

Not yet tested in other applications.

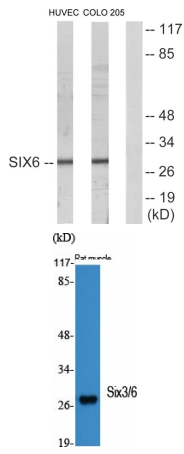
### Images



Western Blot analysis of COLO205 cells using Six3/6 Polyclonal Antibody cells nucleus.



Immunofluorescence analysis of HepG2 cells, using SIX6 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HUVEC and COLO205 cells, using SIX6 Antibody. The lane on the right is blocked with the synthesized peptide.

Western Blot analysis of various cells using Six3/6 Polyclonal Antibody cells nucleus.

### Storage

-20°C for one year

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