

**SIX6 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP50710****Specification**

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**SIX6 Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB, IF                 |
| Primary Accession | <a href="#">O95475</a> |
| Reactivity        | Human, Mouse, Rat      |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 28 KDa                 |
| Antigen Region    | 141-168                |

**SIX6 Antibody - Additional Information****Gene ID** 4990**Other Names**

Homeobox protein SIX6, Homeodomain protein OPTX2, Optic homeobox 2, Sine oculis homeobox homolog 6, SIX6, OPTX2, SIX9

**Dilution**

WB~~1:1000

IF~~1:100

**Format**Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.**Storage Conditions**

-20°C

**SIX6 Antibody - Protein Information****Name** SIX6**Synonyms** OPTX2, SIX9**Function**

May be involved in eye development.

**Cellular Location**

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108}.

**Tissue Location**

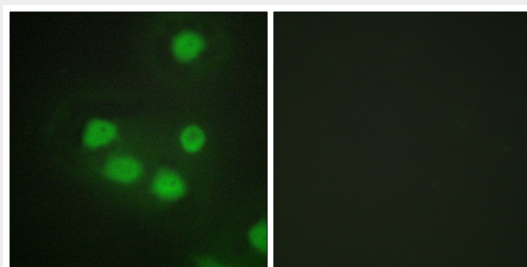
Expressed in the developing and adult retina. Also expressed in the hypothalamic and the pituitary regions

## SIX6 Antibody - Protocols

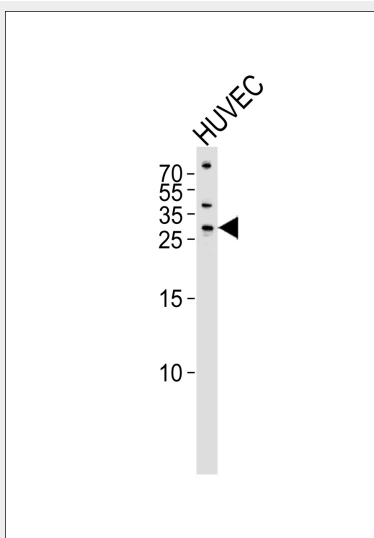
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## SIX6 Antibody - Images



Immunofluorescence analysis of HepG2 cells, using SIX6 antibody.



Western blot analysis of lysate from HUVEC cell line, using SIX6 Antibody (AP50710). AP50710 was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

## SIX6 Antibody - Background

May be involved in eye development.

## SIX6 Antibody - References

Leppert G.S., et al. Submitted (OCT-1997) to the EMBL/GenBank/DDBJ databases.

Lopez-Rios J., et al. Mech. Dev. 83:155-159(1999).  
Gallardo M.E., et al. Genomics 61:82-91(1999).  
Kitano T., et al. Mol. Biol. Evol. 21:936-944(2004).  
Mayya V., et al. Sci. Signal. 2:RA46-RA46(2009).