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# SIX6 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50710

## Product Information

| | |
|---|---|
| **Application** | WB, IF |
| **Primary Accession** | O95475 |
| **Reactivity** | Human, Mouse, Rat |
| **Host** | Rabbit |
| **Clonality** | polyclonal |
| **Calculated MW** | 27687 |

## Additional Information

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|---|---|
| **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 Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol. |
| **Storage Conditions** | -20℃ |

## 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 |

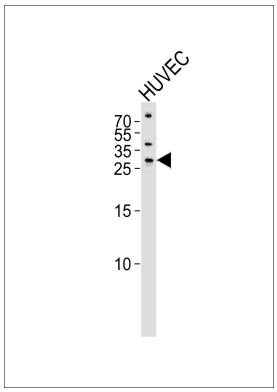
## Background

May be involved in eye development.

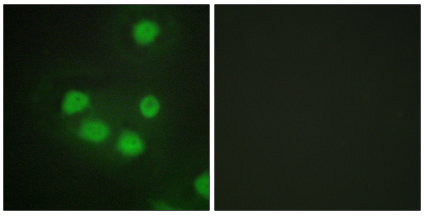
## References

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).

## Images




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.



Immunofluorescence analysis of HepG2 cells, using SIX6 antibody.

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