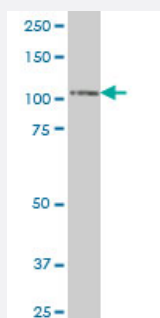


# SOX6 polyclonal antibody (A01)

Catalog # H00055553-A01

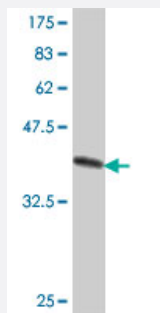
Size 50 uL

## Applications



### Western Blot (Cell lysate)

SOX6 polyclonal antibody (A01), Lot # 051207JCO1 Western Blot analysis of SOX6 expression in Hela S3 NE ( Cat # L013V3 ).



Western Blot detection against Immunogen (38.1 KDa) .

## Specification

|                               |                                                                                                                   |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Product Description           | Mouse polyclonal antibody raised against a partial recombinant SOX6.                                              |
| Immunogen                     | SOX6 (NP_201583, 1 a.a. ~ 109 a.a) partial recombinant protein with GST tag.                                      |
| Sequence                      | MSSKQATSPFACAADGEDAMTQDLTSREKEEGSDQHVASHLPLHPIMHNKPHSEELPTLVSTIQ<br>QDADWDSVLSSQQRMESENKLCSTLYSFRNTSTSPHKPDEGSRDR |
| Host                          | Mouse                                                                                                             |
| Reactivity                    | Human                                                                                                             |
| Interspecies Antigen Sequence | Mouse (96); Rat (94)                                                                                              |

|                         |                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------|
| Quality Control Testing | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (38.1 KDa) . |
| Storage Buffer          | 50 % glycerol                                                                                           |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                |

## Applications

- Western Blot (Cell lysate)

SOX6 polyclonal antibody (A01), Lot # 051207JCO1 Western Blot analysis of SOX6 expression in Hela S3 NE ( Cat # L013V3 ).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — SOX6

|                     |                                      |
|---------------------|--------------------------------------|
| Entrez GeneID       | <a href="#">55553</a>                |
| GeneBank Accession# | <a href="#">NM_033326</a>            |
| Protein Accession#  | <a href="#">NP_201583</a>            |
| Gene Name           | SOX6                                 |
| Gene Alias          | HSSOX6                               |
| Gene Description    | SRY (sex determining region Y)-box 6 |
| Omim ID             | <a href="#">607257</a>               |
| Gene Ontology       | <a href="#">Hyperlink</a>            |

**Gene Summary**

This gene encodes a member of the D subfamily of sex determining region y-related transcription factors that are characterized by a conserved DNA-binding domain termed the high mobility group box and by their ability to bind the minor groove of DNA. The encoded protein is a transcriptional activator that is required for normal development of the central nervous system, chondrogenesis and maintenance of cardiac and skeletal muscle cells. The encoded protein interacts with other family members to cooperatively activate gene expression. Alternative splicing results in multiple transcript variants

**Other Designations**

SRY-box containing gene 6|Sox-6

**Disease**

- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Celiac Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fractures](#)
- [Genetic Predisposition to Disease](#)
- [Obesity](#)
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- [Plaque](#)
- [Tobacco Use Disorder](#)