10320 Camino Santa Fe, Suite G
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# KLF6 Antibody
**Purified Mouse Monoclonal Antibody**
**Catalog # AO2142a**

## Specification

### KLF6 Antibody - Product Information

| | |
|---|---|
| Application | **E, WB** |
| Primary Accession | Q99612 |
| Reactivity | **Human** |
| Host | **Mouse** |
| Clonality | **Monoclonal** |
| Isotype | **IgG1** |
| Calculated MW | **31.8kDa KDa** |

**Description**
This gene encodes a member of the Kruppel-like family of transcription factors. The zinc finger protein is a transcriptional activator, and functions as a tumor suppressor. Multiple transcript variants encoding different isoforms have been found for this gene, some of which are implicated in carcinogenesis.

**Immunogen**
Purified recombinant fragment of human KLF6 (AA: 71-283) expressed in E. Coli.

**Formulation**
Purified antibody in PBS with 0.05% sodium azide

### KLF6 Antibody - Additional Information

**Gene ID** 1316

**Other Names**
Krueppel-like factor 6, B-cell-derived protein 1, Core promoter element-binding protein, GC-rich sites-binding factor GBF, Proto-oncogene BCD1, Suppressor of tumorigenicity 12 protein, Transcription factor Zf9, KLF6, BCD1, COPEB, CPBP, ST12

**Dilution**
E~~1/10000
WB~~1/500 - 1/2000

**Storage**
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**
KLF6 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

### KLF6 Antibody - Protein Information

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**Name** KLF6

**Synonyms** BCD1, COPEB, CPBP, ST12

**Function**
Transcriptional activator (By similarity). Binds a GC box motif. Could play a role in B-cell growth and development.

**Cellular Location**
Nucleus.

**Tissue Location**
Highly expressed in placenta followed by spleen, thymus, prostate, testis, small intestine and colon. Weakly expressed in pancreas, lung, liver, heart and skeletal muscle. Also expressed in fetal brain, spleen and thymus

## KLF6 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 Cytomety
- Cell Culture