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KLF6 Antibody

Purified Mouse Monoclonal Antibody
Catalog # AO2142a

Product Information

Application	WB, E
Primary Accession	Q99612
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	4C7D6
Isotype	IgG1
Calculated MW	31865
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

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	WB~~1/500 - 1/2000 E~~1/10000
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.

Protein Information

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

References

1.Tumour Biol. 2013 Apr;34(2):1097-105.2.Int Orthop. 2012 Oct;36(10):2107-11.

Images

