



Mouse anti-Human KLF12 monoclonal antibody, clone 4F5 (CABT-B10527)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	KLF12 (NP_009180, 1 a.a. ~ 91 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	4F5
Conjugate	Unconjugated
Applications	WB,ELISA
Sequence Similarities	MNIHMKRRTIKNINTFENRMLMLDGMFAVRVKTELLESEQGSPNVHNYPDMEAVPLLLNN VKGEPPEDSLSDHFQTQTTPVDLSINKAR*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	Activator protein-2 alpha (AP-2 alpha) is a developmentally-regulated transcription factor and important regulator of gene expression during vertebrate development and carcinogenesis. The
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protein encoded by this gene is a member of the Kruppel-like zinc finger protein family and can repress expression of the AP-2 alpha gene by binding to a specific site in the AP-2 alpha gene promoter. Repression by the encoded protein requires binding with a corepressor, CtBP1. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Keywords

KLF12; Kruppel-like factor 12; AP2REP; AP-2rep; HSPC122; Krueppel-like factor 12; AP-2 repressor; AP-2rep transcription factor; transcriptional repressor AP-2rep; KLF12 zinc finger transcriptional repressor;

GENE INFORMATION

Entrez Gene ID

[11278](#)

UniProt ID

[Q9Y4X4](#)

Function

DNA binding; metal ion binding; sequence-specific DNA binding transcription factor activity; transcription corepressor activity; zinc ion binding
