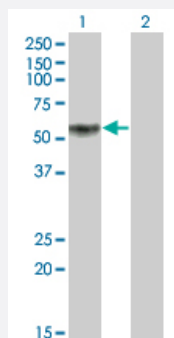


KLF12 monoclonal antibody (M01), clone 3E4

Catalog # H00011278-M01

Size 100 ug

Applications

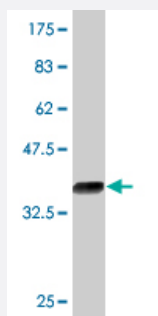


Western Blot (Transfected lysate)

Western Blot analysis of KLF12 expression in transfected 293T cell line by KLF12 monoclonal antibody (M01), clone 3E4.

Lane 1: KLF12 transfected lysate(44.2 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (35.64 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant KLF12.

Immunogen

KLF12 (NP_009180, 1 a.a. ~ 90 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

MNIHMKRKTIKNINTFENRMLMLDGMPAVRVKTELLESEQGSPNVHNPDM EAVPLLLNNVKGEP
PEDSLSVDHFQTQTEPVDLSINKAR

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (97); Rat (92)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.64 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of KLF12 expression in transfected 293T cell line by KLF12 monoclonal antibody (M01), clone 3E4.

Lane 1: KLF12 transfected lysate(44.2 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- ELISA

Gene Info — KLF12

Entrez GeneID	11278
GeneBank Accession#	NM_007249
Protein Accession#	NP_009180
Gene Name	KLF12
Gene Alias	AP-2rep, AP2REP, HSPC122
Gene Description	Kruppel-like factor 12
Omim ID	607531
Gene Ontology	Hyperlink

Gene Summary

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 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]

Other Designations

AP-2 repressor|AP-2rep transcription factor|KLF12 zinc finger transcriptional repressor|OTTHUMP00000018503|OTTHUMP00000040826

Disease

- [Arthritis](#)
- [Celiac Disease](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Inflammation](#)
- [Tobacco Use Disorder](#)
- [Wegener Granulomatosis](#)