

EIF4EBP3 mouse mAb

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| Catalog No : | YM1455 |
| Reactivity : | Transfected |
| Applications : | WB |
| Target : | EIF4EBP3 |
| Gene Name : | eif4ebp3 |
| Human Gene Id : | 8637 |
| Human Swiss Prot No : | O60516 |
| Mouse Swiss Prot No : | Q80VV3 |
| Immunogen : | Recombinant protein of human EIF4EBP3. |
| Specificity : | Transfected Only. |
| Formulation : | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source : | Monoclonal, Mouse |
| Dilution : | wb dilution 1:1000 |
| Purification : | The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen. |
| Concentration : | 1 mg/ml |
| Storage Stability : | -15°C to -25°C/1 year(Do not lower than -25°C) |
| Observed Band : | 11kD |
| Background : | eukaryotic translation initiation factor 4E binding protein 3(EIF4EBP3) Homo sapiens This gene encodes a member of the EIF4EBP family, which consists of proteins that bind to eukaryotic translation initiation factor 4E and regulate its |

assembly into EIF4F, the multi-subunit translation initiation factor that recognizes the mRNA cap structure. Read-through transcription from the neighboring upstream gene (MASK or ANKHD1) generates a transcript (MASK-BP3) that encodes a protein comprised of the MASK protein sequence for the majority of the protein and a different C-terminus due to an alternate reading frame for the EIF4EBP3 segments. [provided by RefSeq, Oct 2010],

Function :

function:May play a role as a scaffolding protein that may be associated with the abnormal phenotype of leukemia cells. Isoform 2 may possess an antiapoptotic effect and protect cells during normal cell survival through its regulation of caspases.,function:Regulates eIF4E activity by preventing its assembly into the eIF4F complex.,PTM:Phosphorylated.,similarity:Belongs to the eIF4E-binding protein family.,similarity:Belongs to the mask family.,similarity:Contains 1 KH domain.,similarity:Contains 25 ANK repeats.,subunit:EIF4EBP3 interacts with EIF4E.,subunit:Interacts with PTPN11. Isoform 2 interacts with VPR.,tissue specificity:Expression is highest in skeletal muscle, heart, kidney, and pancreas, whereas there is very little expression in brain and thymus.,tissue specificity:Ubiquitous with high expression in cervix, spleen and brain. Expressed in hematopoietic cells with increased expr

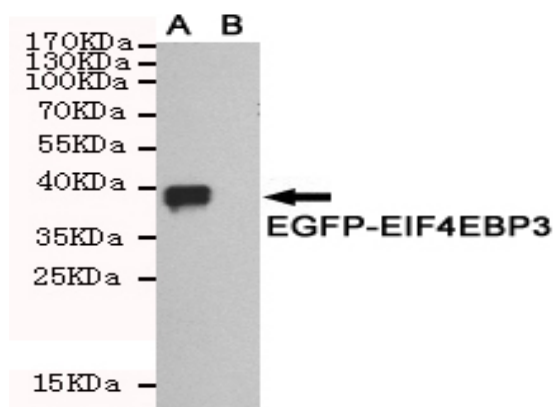
Subcellular Location :

cytoplasm,membrane,eukaryotic translation initiation factor 4F complex,

Expression :

Expression is highest in skeletal muscle, heart, kidney, and pancreas, whereas there is very little expression in brain and thymus.

Products Images



Western blot detection of EIF4EBP3 in CHO-K1 cell lysate(B)and CHO-K1 transfected by EGFP-EIF4EBP3 fragment(A)cell lysate using EIF4EBP3 mouse mAb (1:1000 diluted).