



KLF13 Polyclonal Antibody

Catalog No	YP-Ab-02238
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;IHC;IF;ELISA
Gene Name	KLF13
Immunogen	The antiserum was produced against synthesized peptide derived from human KLF13 around the non-acetylation site of Lys166. AA range:131-180
Specificity	KLF13 Polyclonal Antibody detects endogenous levels of KLF13 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	BTE binding protein 3;BTEB3;FKLF2;KLF13;Krueppel like factor 13;Kruppel like factor 13;NSLP1;RFLAT 1;RFLAT1;Transcription factor BTEB3;Transcription factor NSLP1;Krueppel-like factor 13;Basic transcription element-binding protein 3;BTE-binding protein 3;Novel Sp1-like zinc finger transcription factor 1; RANTES factor of late activated T-lymphocytes 1;RFLAT-1
Observed Band	31kD
Calculated Molecular Weight	31kD
Cell Pathway	Nucleus.
Tissue Specificity	Ubiquitous.
Function	domain:The Ala/Pro-rich domain may contain discrete activation and repression subdomains and also can mediate protein-protein interactions., function:Represses transcription by binding to the BTE site, a GC-rich DNA element, in competition with the activator SP1. It also represses transcription by interacting with the corepressor Sin3A and HDAC1. Activates RANTES expression in T-cells.,PTM:Phosphorylated.,similarity:Belongs to the Sp1 C2H2-type zinc-finger protein family.,similarity:Contains 3 C2H2-type zinc fingers., tissue specificity:Ubiquitous.,



Background

KLF13 belongs to a family of transcription factors that contain 3 classical zinc finger DNA-binding domains consisting of a zinc atom tetrahedrally coordinated by 2 cysteines and 2 histidines (C2H2 motif). These transcription factors bind to GC-rich sequences and related GT and CACCC boxes (Schoy et al., 2000 [PubMed 11087666]).[supplied by OMIM, Mar 2008],

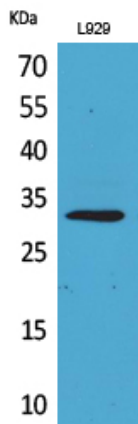
matters needing attention

Avoid repeated freezing and thawing!

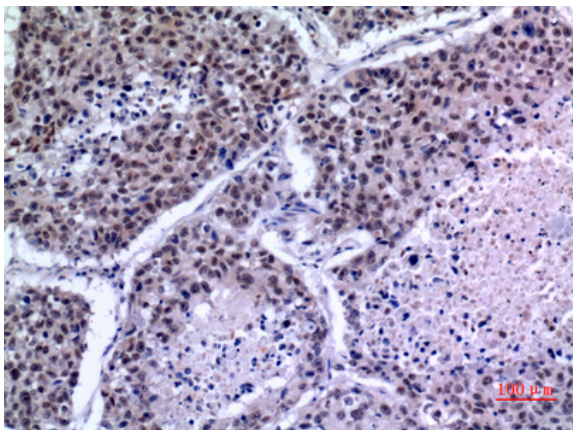
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

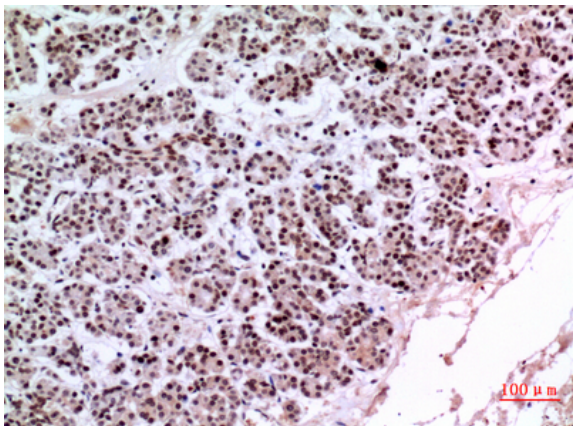
Products Images



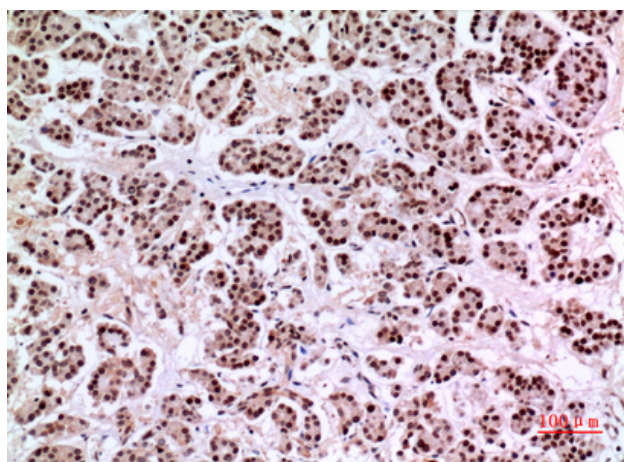
Western Blot analysis of L929 cells using KLF13 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).



Immunohistochemical analysis of paraffin-embedded human-lung, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-pancreas, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-pancreas, antibody was diluted at 1:100



Western blot analysis of lysate from L929 cells, using KLF13 Antibody.