

**TCFL4 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51344**

**Specification**

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**TCFL4 Antibody - Product Information**

Application	WB, ICC, IHC-P, E
Primary Accession	<a href="#">O9UH92</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33 KDa

**TCFL4 Antibody - Additional Information**

**Gene ID** 6945

**Other Names**

Max-like protein X, Class D basic helix-loop-helix protein 13, bHLHd13, Max-like bHLHZip protein, Protein BigMax, Transcription factor-like protein 4, MLX, BHLHD13, TCFL4

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**TCFL4 Antibody - Protein Information**

**Name** MLX

**Synonyms** BHLHD13, TCFL4

**Function**

Transcription regulator. Forms a sequence-specific DNA- binding protein complex with MAD1, MAD4, MNT, WBSCR14 and MLXIP which recognizes the core sequence 5'-CACGTG-3'. The TCFL4-MAD1, TCFL4-MAD4, TCFL4-WBSCR14 complexes are transcriptional repressors. Plays a role in transcriptional activation of glycolytic target genes. Involved in glucose-responsive gene regulation.

**Cellular Location**

[Isoform Alpha]: Cytoplasm. Note=Found predominantly in the cytoplasm (PubMed:10918583).  
[Isoform Gamma]: Nucleus. Note=Found predominantly in the nucleus (PubMed:10918583).

**Tissue Location**

Expressed in all tissues tested, including spleen, thymus, prostate, ovary, intestine, colon, peripheral blood leukocyte, heart, liver, skeletal muscle and kidney. Lower levels of expression in testis, brain, placenta and lung.

## **TCFL4 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **TCFL4 Antibody - Images**

### **TCFL4 Antibody - Background**

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### **TCFL4 Antibody - References**

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