

Product datasheet for **TA349370**

KLF7 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Humna colon cancer and mouse kidney tissue, mouse testis and human fetal brain tissue IHC: 50-200 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human KLF7
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% GlycerolIn
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	33 kDa
Gene Name:	Kruppel-like factor 7 (ubiquitous)
Database Link:	NP_003700 Entrez Gene 93691 Mouse Entrez Gene 8609 Human O75840



[View online »](#)

Background:

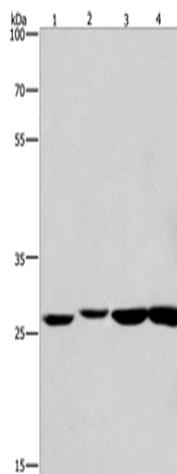
The protein encoded by this gene is a member of the Kruppel-like transcriptional regulator family. Members in this family regulate cell proliferation, differentiation and survival and contain three C2H2 zinc fingers at the C-terminus that mediate binding to GC-rich sites. This protein may contribute to the progression of type 2 diabetes by inhibiting insulin expression and secretion in pancreatic beta-cells and by deregulating adipocytokine secretion in adipocytes. A pseudogene of this gene is located on the long arm of chromosome 3. Alternative splicing results in multiple transcript variants.

Synonyms:

UKLF

Protein Families:

Transcription Factors

Product images:

Gel: 8%SDS-PAGE

Lysate: 40 µg

Lane 1-4: Human colon cancer tissue

mouse kidney tissue

mouse testis tissue

human fetal brain tissue

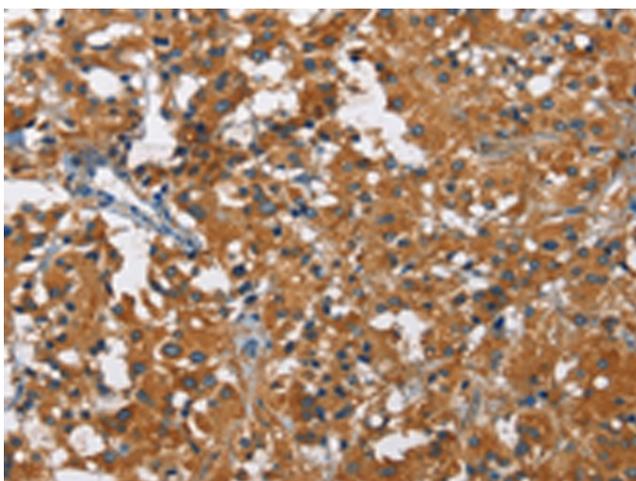
Primary antibody: TA349370 (KLF7 Antibody) at

dilution 1/483.3

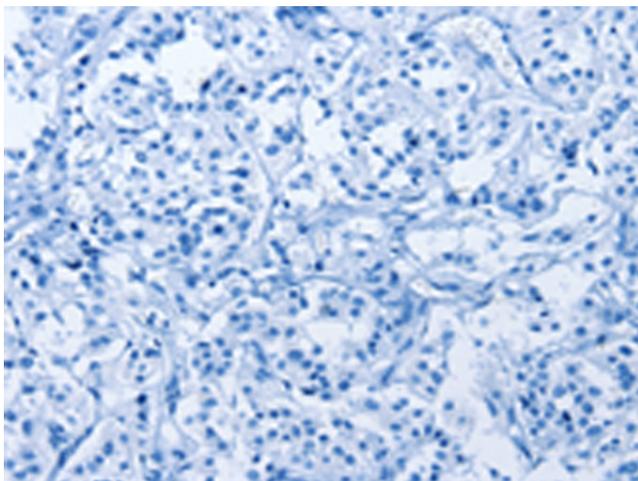
Secondary antibody: Goat anti rabbit IgG at

1/8000 dilution

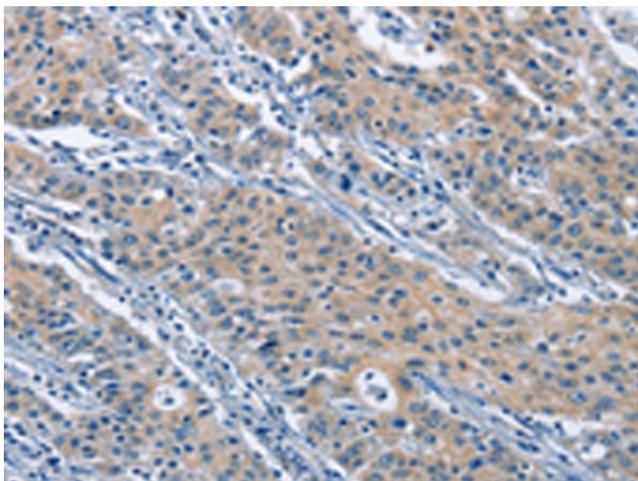
Exposure time: 20 seconds



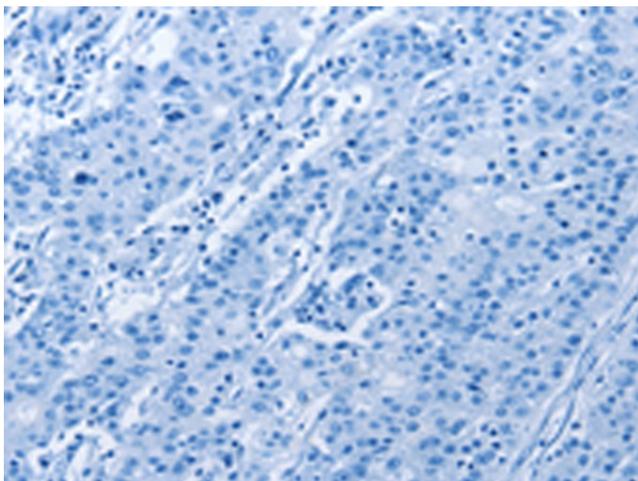
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA349370 (KLF7 Antibody) at dilution 1/60 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA349370 (KLF7 Antibody) at dilution 1/60, treated with fusion protein. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA349370 (KLF7 Antibody) at dilution 1/60 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA349370 (KLF7 Antibody) at dilution 1/60, treated with fusion protein. (Original magnification: x200)