

### Product Information

**Size:**

50ug

**Reactivity:**

Human

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IHC

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:500-1:2000,  
IHC:1:20-1:200

**Protein Background:**

Transcriptional repressor that plays a role in various developmental processes such as myogenesis and brain development. Plays a key role in myogenesis by directly repressing the expression of ID2 and ID3, 2 inhibitors of skeletal myogenesis. Also involved in controlling cell division of progenitor cells and regulating the survival of postmitotic cortical neurons. Specifically binds the consensus DNA sequence 5'-[AC]ACATCTG[GT][AC]-3' which contains the E box core, and acts by recruiting chromatin remodeling multiprotein complexes. May also play a role in the organization of chromosomes in the nucleus.

**Gene ID:**

ZBTB18

**Uniprot**

Q99592

**Synonyms:**

Zinc finger and BTB domain-containing protein 18 (58 kDa repressor protein) (Transcriptional repressor RP58) (Translin-associated zinc finger protein 1) (TAZ-1) (Zinc finger protein 238) (Zinc finger protein C2H2-171), ZBTB18, RP58 TAZ1 ZNF238

**Immunogen:**

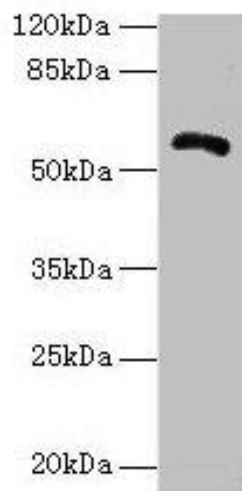
Recombinant Human Zinc finger and BTB domain-containing protein 18 protein (62-364AA).

**Storage:**

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

## Product Images

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### Western blot

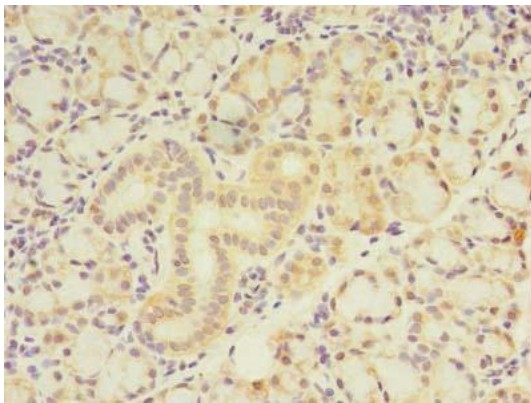
All lanes: ZBTB18 antibody at 14 $\mu$ g/ml + HeLa whole cell lysate

Secondary

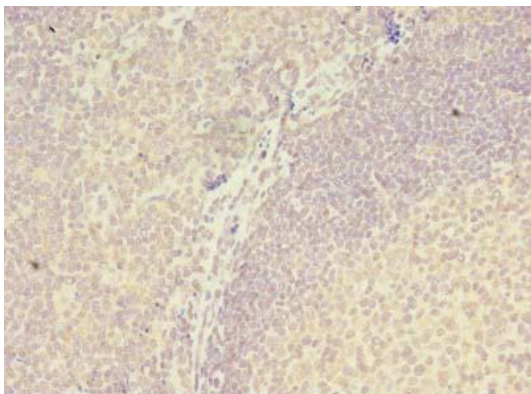
Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 59, 60 kDa

Observed band size: 59 kDa



Immunohistochemistry of paraffin-embedded human pancreatic tissue using PACO31232 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human tonsil tissue using PACO31232 at dilution of 1:100.