

Product datasheet for **TA808593**

FOXO4 Mouse Monoclonal Antibody [Clone ID: OT18A8]

Product data:

| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OT18A8 |
| Applications: | IHC, WB |
| Recommended Dilution: | WB 1:2000, IHC 1:150 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Human recombinant protein fragment corresponding to amino acids 206-505 of human FOXO4 (NP_005929) produced in E.coli. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 1 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 53.5 kDa |
| Gene Name: | forkhead box O4 |
| Database Link: | NP_005929 Entrez Gene 54601 Mouse Entrez Gene 302415 Rat Entrez Gene 4303 Human P98177 |



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Background:

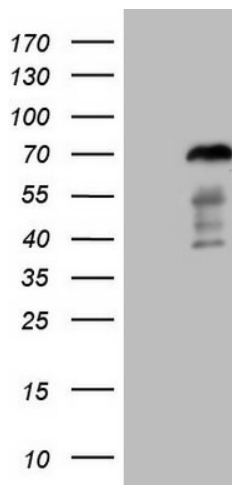
This gene encodes a member of the O class of winged helix/forkhead transcription factor family. Proteins encoded by this class are regulated by factors involved in growth and differentiation indicating they play a role in these processes. A translocation involving this gene on chromosome X and the homolog of the Drosophila trithorax gene, encoding a DNA binding protein, located on chromosome 11 is associated with leukemia. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2010]

Synonyms:

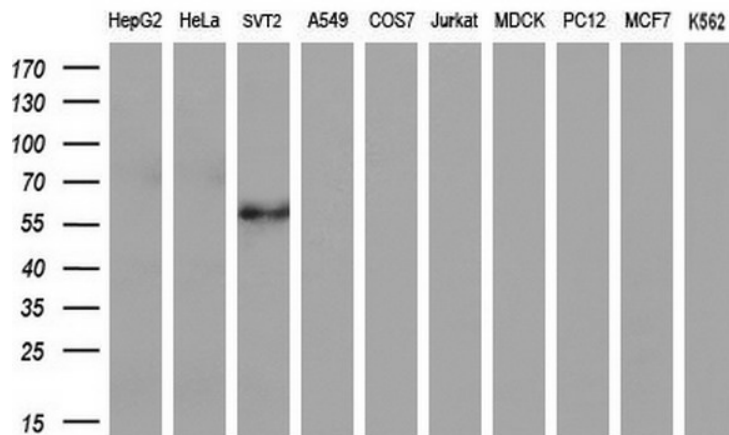
AFX; AFX1; MLLT7

Protein Families:

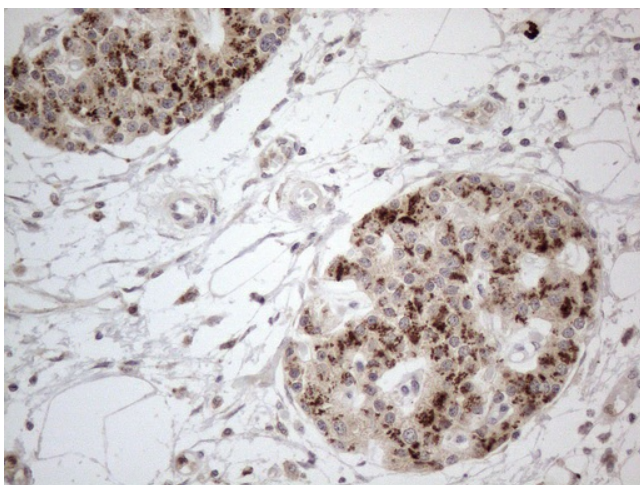
Transcription Factors

Product images:


HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY FOXO4 ([RC213185], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-FOXO4 (1:2000). Positive lysates [LY401798] (100ug) and [LC401798] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (10ug) from 10 different cell lines by using anti-FOXO4 monoclonal antibody (1:200).



Immunohistochemical staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-FOXO4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA808593) (1:150)