

**TBX3 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP14976c**

**Specification**

**TBX3 Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O15119</a>
Other Accession	<a href="#">NP_057653.3</a> , <a href="#">NP_005987.3</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Calculated MW	79389
Antigen Region	310-338

**TBX3 Antibody (Center) - Additional Information**

**Gene ID** 6926

**Other Names**

T-box transcription factor TBX3, T-box protein 3, TBX3

**Target/Specificity**

This TBX3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 310-338 amino acids from the Central region of human TBX3.

**Dilution**

WB~1:1000

**Format**

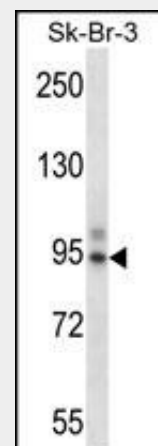
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

TBX3 Antibody (Center) is for research use only and not for use in diagnostic or



TBX3 Antibody (Center) (Cat. #AP14976c) western blot analysis in SK-BR-3 cell line lysates (35ug/lane). This demonstrates the TBX3 antibody detected the TBX3 protein (arrow).

**TBX3 Antibody (Center) - Background**

This gene is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. This protein is a transcriptional repressor and is thought to play a role in the anterior/posterior axis of the tetrapod forelimb. Mutations in this gene cause ulnar-mammary syndrome, affecting limb, apocrine gland, tooth, hair, and genital development. Alternative splicing of this gene results in three transcript variants encoding different isoforms; however, the full length nature of one variant has not been determined.

**TBX3 Antibody (Center) - References**

therapeutic procedures.

#### **TBX3 Antibody (Center) - Protein Information**

##### **Name** TBX3

##### **Function**

Transcriptional repressor involved in developmental processes. Probably plays a role in limb pattern formation. Acts as a negative regulator of PML function in cellular senescence.

##### **Cellular Location**

Nucleus

{ECO:0000255|PROSITE-ProRule:PRU00201 }.

##### **Tissue Location**

Widely expressed.

Bailey, S.D., et al. Diabetes Care  
33(10):2250-2253(2010)  
Hong, K.W., et al. J. Hum. Genet.  
55(6):336-341(2010)  
Christoffels, V.M., et al. Circ. Res.  
106(2):240-254(2010)  
Pfeufer, A., et al. Nat. Genet.  
42(2):153-159(2010)  
Talmud, P.J., et al. Am. J. Hum. Genet.  
85(5):628-642(2009)

#### **TBX3 Antibody (Center) - 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](#)