

# (Mouse) Sox17 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP20861c

#### **Product Information**

**Application** WB, E **Primary Accession** Q61473

Reactivity Human, Rat, Mouse

HostRabbitClonalityPolyclonalIsotypeRabbit IgGClone NamesRB51152

## **Additional Information**

**Other Names** Transcription factor SOX-17, Sox17, Sox-17

**Target/Specificity** This (Mouse) Sox17 antibody is generated from a rabbit immunized with a

KLH conjugated synthetic peptide between 376-409 amino acids from the

C-terminal region of human (Mouse) Sox17.

**Dilution** WB~~1:1000 E~~Use at an assay dependent concentration.

**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** (Mouse) Sox17 Antibody (C-term) is for research use only and not for use in

diagnostic or therapeutic procedures.

#### **Protein Information**

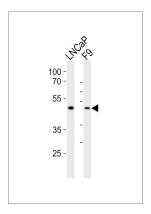
## **Background**

Acts as transcription regulator that binds target promoter DNA and bends the DNA. Binds to the sequences 5'- AACAAT-'3 or 5'-AACAAAG-3'. Modulates transcriptional regulation via WNT3A. Inhibits Wnt signaling. Promotes degradation of activated CTNNB1. Plays a key role in the regulation of embryonic development. Required for normal looping of the embryonic heart tube. Required for normal development of the definitive gut endoderm. Probable transcriptional activator in the premeiotic germ cells. Isoform 2 (T-SOX17) shows no DNA-binding activity.

### References

Kanai Y.,et al.J. Cell Biol. 133:667-681(1996). Carninci P.,et al.Science 309:1559-1563(2005). Layfield R.,et al.Submitted (FEB-1994) to the EMBL/GenBank/DDBJ databases. Kanai-Azuma M.,et al.Development 129:2367-2379(2002). Kim I.,et al.Cell 130:470-483(2007).

# **Images**



Western blot analysis of lysates from LNCaP, mouse F9 cell line (from left to right), using Sox17 Antibody (C-term)(Cat. #AP20861c). AP20861c was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.