



Sox-17 Polyclonal Antibody

Catalog No	YP-Ab-02218
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA;IHC
Gene Name	SOX17
Immunogen	Synthesized peptide derived from Sox-17 . at AA range: 90-170
Specificity	Sox-17 Polyclonal Antibody detects endogenous levels of Sox-17 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Transcription factor SOX-17;Transcription factor SOX 17;Sox-17;SOX17
Observed Band	44kD
Calculated Molecular Weight	44kD
Cell Pathway	Nucleus .
Tissue Specificity	Expressed in adult heart, lung, spleen, testis, ovary, placenta, fetal lung, and kidney. In normal gastrointestinal tract, it is preferentially expressed in esophagus, stomach and small intestine than in colon and rectum.
Function	function:Probable transcriptional activator in the premeiotic germ cells. It binds to the sequences 5'-AACAAT-'3 or 5'-AACAAAG-3',similarity:Contains 1 HMG box DNA-binding domain.,tissue specificity:Expressed in adult heart, lung, spleen, testis, ovary, placenta, fetal lung, and kidney. In normal gastrointestinal tract, it is preferentially expressed in esophagus, stomach and small intestine than in colon and rectum.,
Background	This gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins.



[provided by RefSeq, Jul 2008],

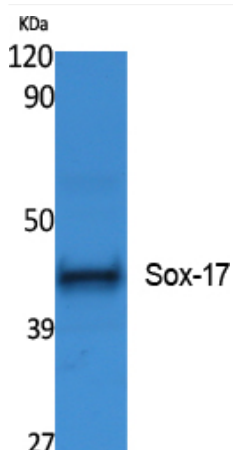
matters needing attention

Avoid repeated freezing and thawing!

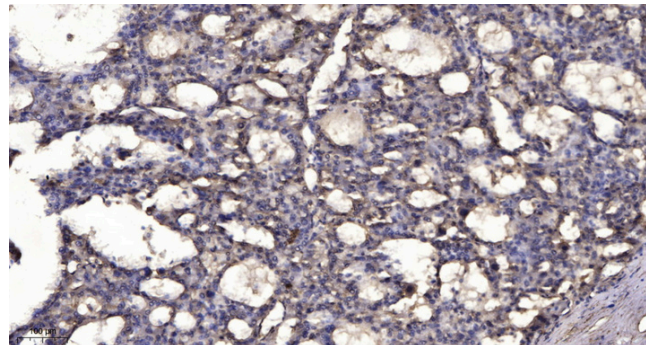
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of extracts from Jurkat cells, using Sox-17 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA, pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 45min).