



Rabbit Anti-SOX11 antibody

SL6736R

Product Name:	SOX11
Chinese Name:	转录因子SOX-11蛋白抗体
Alias:	SRY (sex determining region Y) box 11; SRY related HMG box gene 11; Transcription factor SOX-11; SOX11_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	47kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SOX11:51-150/441
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This intronless 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. The protein may function in the developing nervous system and play a role in tumorigenesis. [provided by RefSeq, Jul 2008]

Function:

Transcriptional activator.

Subcellular Location:

Nucleus.

Tissue Specificity:

Mainly expressed in the developing central nervous system.

Similarity:

Contains 1 HMG box DNA-binding domain.

SWISS:

P35716

Gene ID:

6664

Database links:

[Entrez Gene: 6664](#)Human

[Entrez Gene: 20666](#)Mouse

[Entrez Gene: 84046](#)Rat

[Oimim: 600898](#)Human

[SwissProt: P35716](#)Human

[SwissProt: Q7M6Y2](#)Mouse

[SwissProt: P0C1G9](#)Rat

[Unigene: 432638](#)Human

[Unigene: 41702](#)Mouse

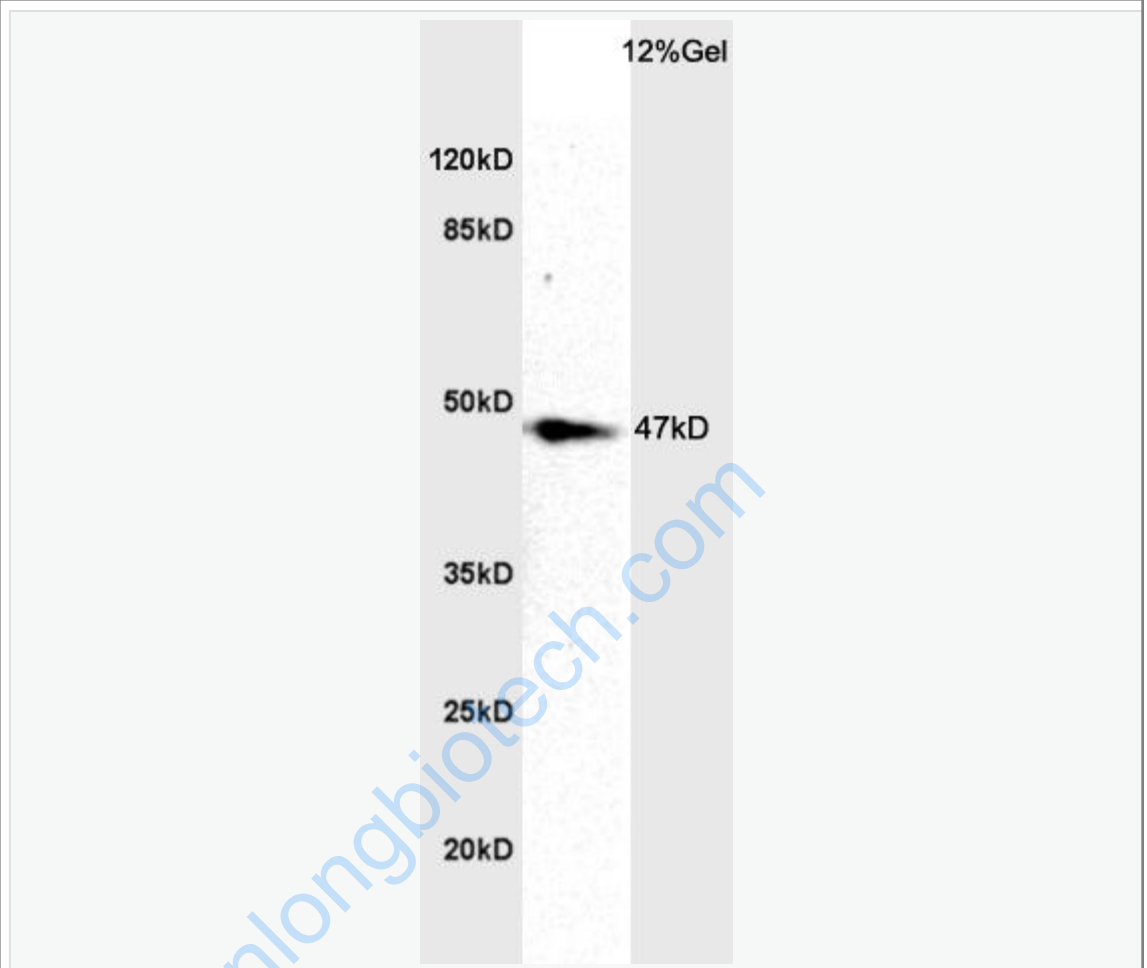
[Unigene: 466344](#)Mouse

[Unigene: 162854](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



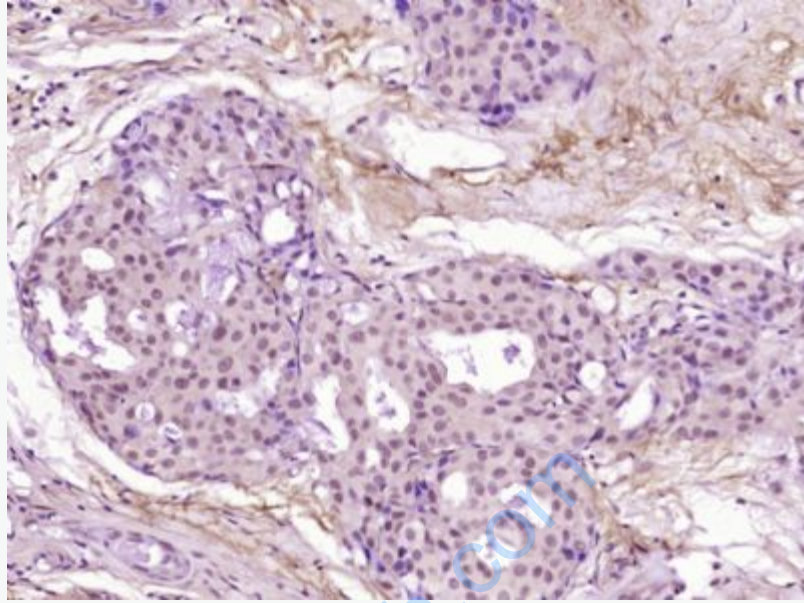
Sample: Brain (Rat) Lysate at 40 ug

Primary: Anti-SOX11 (SL6736R) at 1/300 dilution

Secondary: HRP conjugated Goat-Anti-rabbit IgG (SL6736R) at 1/5000 dilution

Predicted band size: 47 kD

Observed band size: 47 kD



Paraformaldehyde-fixed, paraffin embedded (Human breast carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (SOX11) Polyclonal Antibody, Unconjugated (SL6736R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.