# antibodies - online.com







# anti-SOX6 antibody (N-Term)



**Images** 



Overview	
Quantity:	100 μL
Target:	SOX6
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOX6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)
Product Details	
Immunogen:	A synthesized peptide derived from human SOX6, corresponding to a region within N-terminal
	amino acids.
Isotype:	lgG
Specificity:	SOX6 Antibody detects endogenous levels of total SOX6.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling
	Resin (Thermo Fisher Scientific).
Target Details	
Target:	SOX6

### **Target Details**

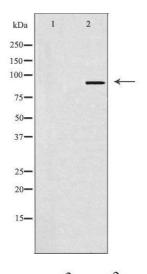
Alternative Name:	SOX6 (SOX6 Products)
Background:	Description: Transcriptional activator. Binds specifically to the DNA sequence 5'-AACAAT-3'.  Plays a key role in several developmental processes, including neurogenesis and skeleton formation.  Gene: SOX6
Molecular Weight:	91 kDa
Gene ID:	55553
UniProt:	P35712

# Application Details

Application Notes:	WB 1:500-1:1000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

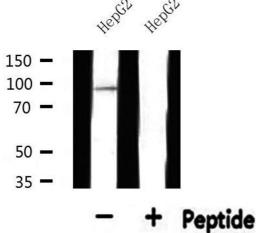
# Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



#### **Western Blotting**

**Image 1.** Western blot analysis of extracts from Jurkat cells, using SOX6 antibody. The lane on the left is treated with the antigen-specific peptide.



#### **Western Blotting**

**Image 2.** Western blot analysis of extracts from HepG2, using SOX6 Antibody.



#### Immunofluorescence (fixed cells)

Image 3. ABIN6274244 staining Hela cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody(Cat.# S0006), diluted at 1/600, was used as secondary antibody.