

## SOX2 Ab

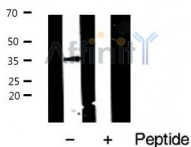
Cat.#: AF4010  
Size: 50ul,100ul,200ul

Concn.: 1mg/ml  
Source: Rabbit

Mol.Wt.: 35kd  
Clonality: Polyclonal

Application:	WB 1:500-1:2000
Reactivity:	Human,Mouse
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Specificity:	The Ab detects endogenous level of total SOX2 protein.
Immunogen:	Peptide sequence around aa.76~80 (G-A-E-W-K) derived from SOX2.
Uniprot:	P48431
Description:	Transcription factor that forms a trimeric complex with OCT4 on DNA and controls the expression of a number of genes involved in embryonic development such as YES1, FGF4, UTF1 and ZFP206. Critical for early embryogenesis and for embryonic stem cell pluripotency
Subcellular Location:	Nucleus.
Storage Condition and Buffer:	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

human Umbilical cord mesenchymal stem cell



Western blot analysis of extracts from human Umbilical cord mesenchymal stem cell using SOX2 Ab

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

For Research Use Only. Not for use in diagnostic and therapeutic procedures. Not for resale without express authorization.