

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.

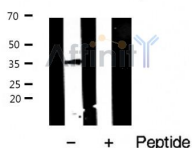
Uniprot: P48431

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 Mg2+ and Ca2+), 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.

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