

Affinity Biosciences website:www.affbiotech.com order:order@affbiotech.com

SOX2 Ab

Cat.#: AF4010 Concn.: 1mg/ml Mol.Wt.: 35kd Size: 50ul,100ul,200ul Source: Rabbit 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

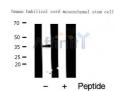
Subcellular Location: Nucleus.

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.



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

<code>IMPORTANT:</code> For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween020 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.