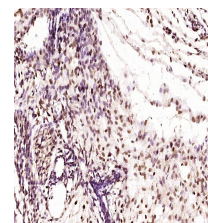


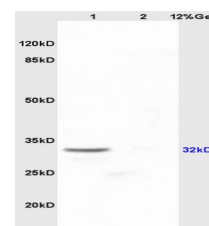
Product Datasheet

SOX2 Polyclonal Antibody GRP257

| | |
|----------------------------|---|
| 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 ZFP26. Critical for early embryogenesis and for embryonic stem cell pluripotency. May function as a switch in neuronal development. Downstream SRRT target that mediates the promotion of neural stem cell self-renewal. Keeps neural cells undifferentiated by counteracting the activity of proneural proteins and suppresses neuronal differentiation (By similarity). |
| Species/Host | Rabbit |
| Reactivity | Human, Mouse, Rat |
| Conjugation | Unconjugated |
| Tested Applications | FC, ICC, IF, IHC-P, WB |
| Immunogen | KLH conjugated synthetic peptide derived from mouse Transcription factor SOX-2 (public_immunogen_range: 230-280/319) |
| Form/Appearance | Aqueous buffered solution containing 1% BSA, 50% glycerol and 0.09% sodium azide. |
| Concentration | 1ug/ul |
| Storage | Store at -20°C for 12 months. |
| Note | For research use only. |
| Isotype | IgG |
| Clonality | Polyclonal |
| Purity | Purified by Protein A. |
| Uniprot ID | P48432 |
| Entrez | 20674 |
| Dilution Range | WB: 1:300-1000, FC: 1:20-100, IHC-P: 1:200-400, IF: 1:50-200 |



WB of GRP257



IHC-P of GRP257