
Olig2 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253199

Unit: 0.1 ml

Description:

Olig2 is a transcription factor which is required for oligodendrocyte and motor neuron specification in the spinal cord, as well as for the development of somatic motor neurons in the hindbrain. Olig2 is expressed in the ventral spinal cord as early as 9.5 dpc and scattered in the mantle zone, likely corresponding to oligodendrocyte progenitors migrating out from their site of origin. From 10.5 through 14.5 dpc, olig2 is expressed in numerous cells in the ventricular and subventricular zones of the lateral and medial ganglionic eminences, suggesting that expression might not be limited to the oligodendrocytic lineage. Olig2 has further been shown to be critical in the proliferation of malignant glioma in brain tumors.

Isotype: Rabbit Ig

Applications: E, WB, IHC, IP

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in Tris pH8.0, 100mM glycine with 0.065% sodium azide. Antibody was purified by Protein-A affinity chromatography.

Alternate Names: Oligodendrocyte transcription factor 2; Oligo2; Olig2

Accession No.: Q9EQW6

Antigen: Recombinant mouse Olig2.

Application Notes: E: 1:500-1:1,000; WB: 1:3,000; IHC: 1:1,000; ICC: 1:1,000; IP: 1:500-1:1,000

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.