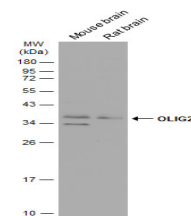


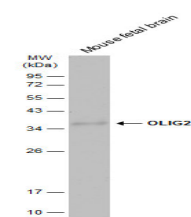
Product Datasheet

OLIG2 antibody GRP163

Description	This gene encodes a basic helix-loop-helix transcription factor which is expressed in oligodendroglial tumors of the brain. The protein is an essential regulator of ventral neuroectodermal progenitor cell fate. The gene is involved in a chromosomal translocation t(14;21)(q11.2;q22) associated with T-cell acute lymphoblastic leukemia. Its chromosomal location is within a region of chromosome 21 which has been suggested to play a role in learning deficits associated with Down syndrome. [provided by RefSeq]
Species/Host	Rabbit
Reactivity	Human, Mouse, Rat, Pig
Conjugation	Unconjugated
Tested Applications	ICC, IF, IHC-Fr, IHC-P, WB
Immunogen	Recombinant protein encompassing a sequence within the N-terminus region of human OLIG2. The exact sequence is proprietary.
Form/Appearance	Liquid: 1XPBS, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.
Concentration	0.82 mg/ml
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Note	For research use only.
Isotype	IgG
Clonality	Polyclonal
Purity	Purified by antigen-affinity chromatography.
Uniprot ID	Q13516
Entrez	10215
Dilution Range	WB: 1:500-1:3000, ICC: 1:100-1:1000



Various tissue extracts (50 ?g) were separated by 12% SDS-PAGE, and the membrane was blotted with OLIG2 antibody (GRP615) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Mouse tissue extract (50 ?g) was separated by 5% SDS-PAGE, and the membrane was blotted with OLIG2 antibody (GRP615) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.