

Datasheet for ABIN214131  
**anti-OLIG2 antibody (AA 236-285)**

## 2 Images

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## Overview

Quantity:	50 µg
Target:	OLIG2
Binding Specificity:	AA 236-285
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OLIG2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa236-285 of human OLIG2 (Q13516, NP_005797). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Baboon, Monkey (100%), Galago, Marmoset, Mouse, Rat, Bat, Guinea pig, Armadillo (92%), Chicken (85%).  Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human Olig2
Predicted Reactivity:	Percent identity by BLAST analysis: Human (100%) Mouse, Rat, Guinea pig (92%) Chicken (85%).

## Product Details

Purification: Immunoaffinity purified

## Target Details

Target: OLIG2

Alternative Name: OLIG2 ([OLIG2 Products](#))

Background: Name/Gene ID: OLIG2

Synonyms: OLIG2, BHLHB1, BHLHe19, OLIGO2, PRKCBP2, RACK17

Gene ID: 10215

NCBI Accession: [NP\\_005797](#)

UniProt: [Q13516](#)

## Application Details

Application Notes: Approved: IHC, IHC-P (5 µg/mL), WB (0.2 - 1 µg/mL)

Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

## Handling

Format: Liquid

Reconstitution: Distilled water

Concentration: Lot specific

Buffer: PBS buffer with 2 % sucrose

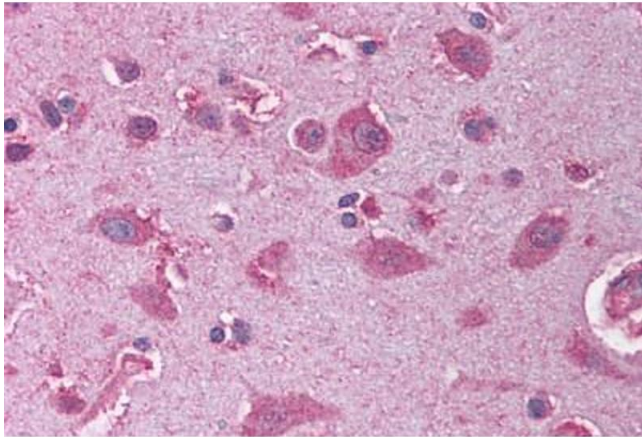
Handling Advice: Avoid repeated freezing and thawing.

## Handling

Storage: 4 °C, -20 °C

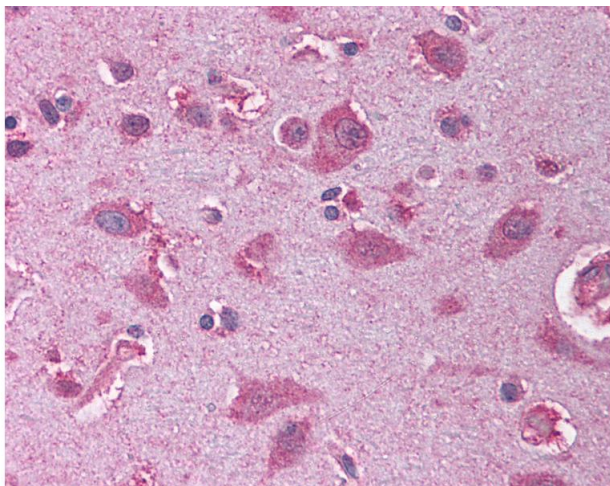
Storage Comment: Maintain refrigerated at 2-8°C for up to 1 week. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Images



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Human Brain, Cortex (formalin-fixed, paraffin-embedded) stained with OLIG2 antibody ABIN214131 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



### Immunohistochemistry

**Image 2.** Anti-OLIG2 antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Ot ...