10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

DYX1C1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55046

Specification

DYX1C1 Polyclonal Antibody - Product Information

Application	**IHC-P, WB**
Primary Accession	Q8WXU2
Reactivity	**Rat, Dog, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**48527**

DYX1C1 Polyclonal Antibody - Additional Information

Gene ID 161582

Other Names
Dynein assembly factor 4, axonemal {ECO:0000312|HGNC:HGNC:21493}, Dyslexia susceptibility 1 candidate gene 1 protein, DNAAF4 (HGNC:21493), DYX1C1, EKN1

Format
0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage
Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ℃.

DYX1C1 Polyclonal Antibody - Protein Information

Name DNAAF4 (HGNC:21493)

Synonyms DYX1C1, EKN1

Function
Axonemal dynein assembly factor required for ciliary motility. Involved in neuronal migration during development of the cerebral neocortex. May regulate the stability and proteasomal degradation of the estrogen receptors that play an important role in neuronal differentiation, survival and plasticity.

Cellular Location
Nucleus. Cytoplasm. Dynein axonemal particle. Cell projection, neuron projection {ECO:0000250|UniProtKB:Q5VJS5}

Tissue Location
Expressed in several tissues, including brain, lung, kidney and testis. In brain localizes to a fraction

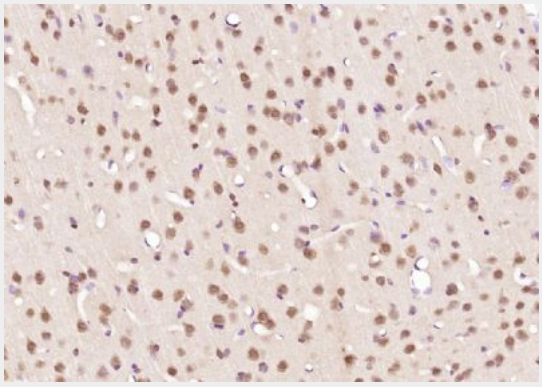
of cortical neurons and white matter glial cells.

DYX1C1 Polyclonal Antibody - Protocols

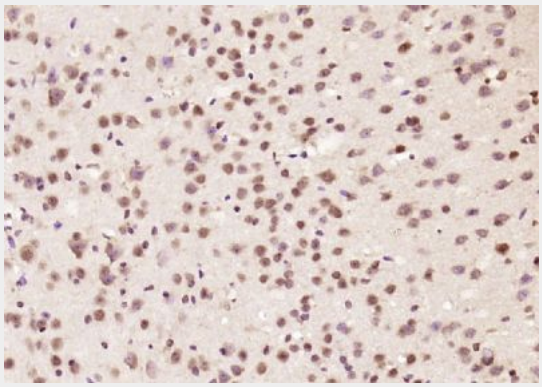
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

DYX1C1 Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DYX1C1) Polyclonal Antibody, Unconjugated (bs-13043R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DYX1C1) Polyclonal Antibody, Unconjugated (bs-13043R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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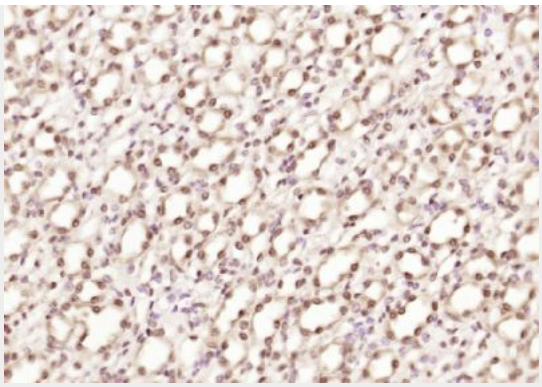
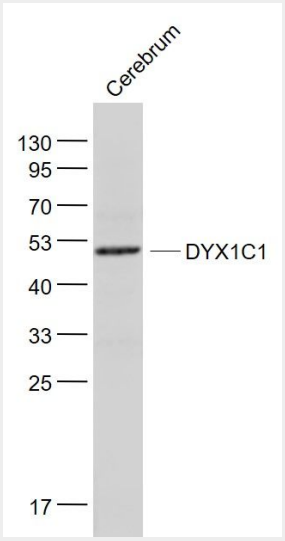


Paraformaldehyde-fixed, paraffin embedded (mouse kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DYX1C1) Polyclonal Antibody, Unconjugated (bs-13043R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Sample:
Cerebrum (Mouse) Lysate at 40 ug
Primary: Anti- DYX1C1 (bs-13043R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 49 kD
Observed band size: 49 kD

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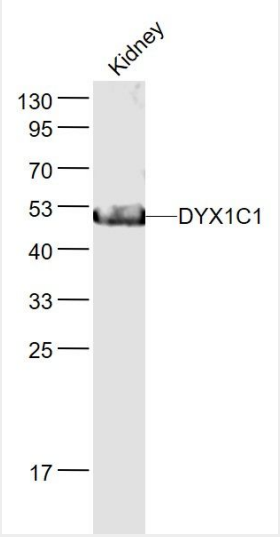

Sample:
Kidney (Mouse) Lysate at 40 ug
Primary: Anti- DYX1C1 (bs-13043R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 49 kD
Observed band size: 49 kD