

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 °C 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 °C.

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

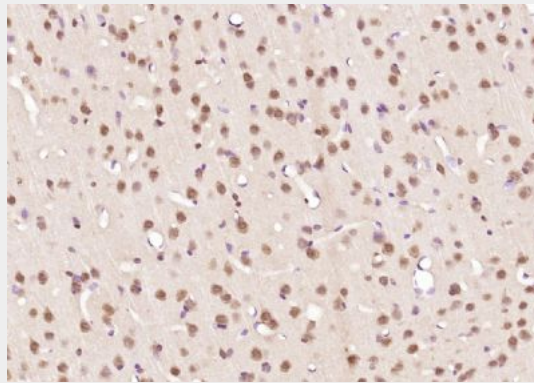
of cortical neurons and white matter glial cells.

DYX1C1 Polyclonal Antibody - Protocols

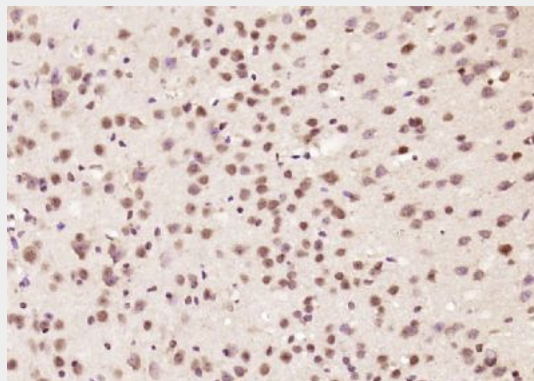
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

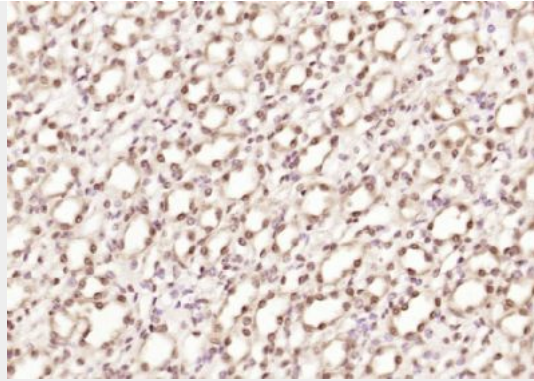
DYX1C1 Polyclonal Antibody - Images



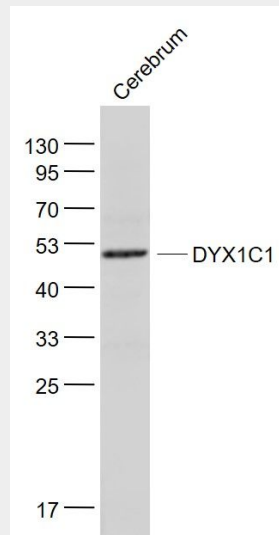
Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DYX1C1) Polyclonal Antibody,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



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) instructions and DAB staining.



Sample:

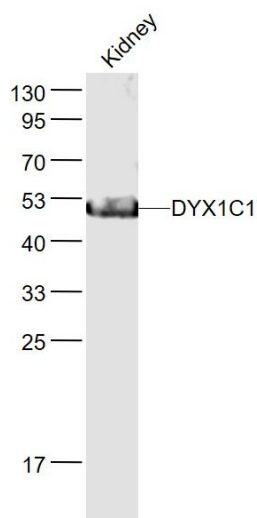
Cerebrum (Mouse) Lysate at 40 ug

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

**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