

DYRK4 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP55591

Specification

DYRK4 Polyclonal Antibody - Product Information

Application WB, IHC-P, IHC-F, IF, ICC, E

Primary Accession
Reactivity
Rat
Host
Clonality
Calculated MW
Physical State

Q9NR20
Rat
Rabbit
Polyclonal
60 KDa
Liquid

Immunogen KLH conjugated synthetic peptide derived

from human DYRK4

Epitope Specificity 31-130/520

Isotype IgG
Purity

affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Cytoplasm.

SIMILARITY Belongs to the protein kinase superfamily.

CMGC Ser/Thr protein kinase family. MNB/DYRK subfamily. Contains 1 protein

kinase domain.

Post-translational modifications Autophosphorylated on tyrosine residues.

Important Note This product as supplied is intended for research use only, not for use in human,

therapeutic or diagnostic applications.

Background Descriptions

This gene encodes an enzyme that belongs to a conserved family of serine/threonine protein kinases. Members of this dual specificity kinase family are thought to function in the regulation of cell differentiation and proliferation, survival, and in development. Alternate splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known. [provided by RefSeq, Aug 2013]

DYRK4 Polyclonal Antibody - Additional Information

Gene ID 8798

Other Names

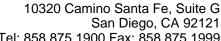
Dual specificity tyrosine-phosphorylation-regulated kinase 4, 2.7.12.1, DYRK4

Dilution

WB~~1:1000<br \><span class</pre>

="dilution_IHC-P">IHC-P~~N/A<br \><span class

="dilution_IHC-F">IHC-F~~N/A<br \><span class





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="dilution IF">IF \sim 1:50 \sim 200
span class ="dilution ICC">ICC \sim N/A
br \>E~~N/A

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.

DYRK4 Polyclonal Antibody - Protein Information

Name DYRK4

Function

Possible non-essential role in spermiogenesis.

Cellular Location

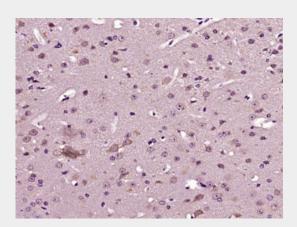
[Isoform 1]: Cytoplasm

DYRK4 Polyclonal Antibody - Protocols

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

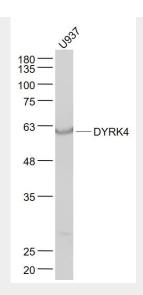
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

DYRK4 Polyclonal Antibody - Images



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 (DYRK4) Polyclonal Antibody, Unconjugated (bs-14474R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.





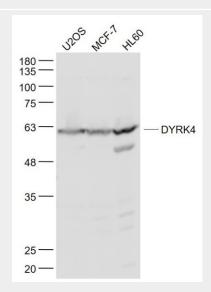
Sample:

U937(Human) Cell Lysate at 30 ug

Primary: Anti- DYRK4 (bs-14474R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 60 kD Observed band size: 60 kD



Sample:

U2OS(Human) Cell Lysate at 30 ug MCF-7(Human) Cell Lysate at 30 ug HL60(Human) Cell Lysate at 30 ug

Primary: Anti- DYRK4 (bs-14474R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 60 kD Observed band size: 60 kD