



Dyrk4 Polyclonal Antibody

Catalog No	YP-Ab-14736
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	DYRK4
Protein Name	Dual specificity tyrosine-phosphorylation-regulated kinase 4
Immunogen	Synthesized peptide derived from Dyrk4 . at AA range: 350-430
Specificity	Dyrk4 Polyclonal Antibody detects endogenous levels of Dyrk4 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DYRK4; Dual specificity tyrosine-phosphorylation-regulated kinase 4
Observed Band	60kD
Cell Pathway	[Isoform 1]: Cytoplasm .; [Isoform 4]: Cytoplasm . Nucleus .
Tissue Specificity	Brain,Kidney,Lung,Testis,
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,function:Possible non-essential role in spermiogenesis.,PTM:Autophosphorylated on tyrosine residues.,similarity:Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. MNB/DYRK subfamily.,similarity:Contains 1 protein kinase domain.,
Background	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],



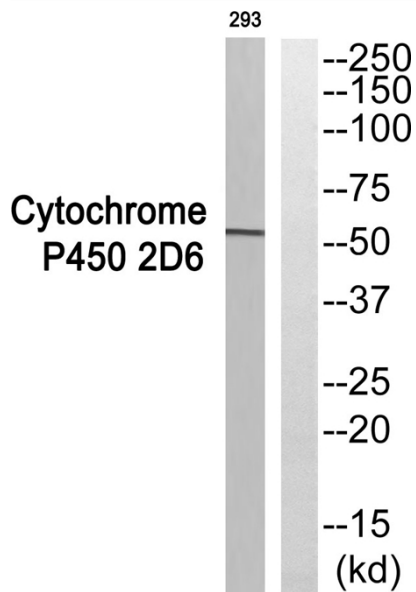
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of DYRK4 Antibody. The lane on the right is blocked with the DYRK4 peptide.