

## GOAT ANTI-DYRK1A ANTIBODY

**SKU:** EB11483

250kDa  
150kDa  
100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa

# SPECIFICATIONS

**Formulation** Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**Unit Size** 100 µg

**Storage** Aliquot and store at -20°C. Minimize freezing and thawing.  
**Instructions**

serine/threonine-specific protein kinase|serine/threonine kinase MNB|protein kinase minibrain

**Synonym /** homolog|OTTHUMP00000174799|OTTHUMP00000109094|OTTHUMP00000109091|OTTHUMP00000109090|MRD7|MNBH|MNB/DYRK

**Alias** protein kinase|mnb protein kinase homolog hp86|MNB|HP86|hMNB|DYRK1A|DYRK1|DYRK|dual-specificity tyrosine-(Y)-

**Names** phosphorylation regulated kinase 1A|dual specificity YAK1-related kinase|dual specificity tyrosine-phosphorylation-regulated kinase 1A

**Usage** <strong>Immunoprecipitation:</strong> This product has been successfully used in IP on Human: Widowati et al, BMC Res Notes. 2018 May 15;11(1):297. PMID: 29764512.

**Summary** Notes. 2018 May 15;11(1):297. PMID: 29764512.

**Accession ID** NP\_001387.2; NP\_569120.1; NP\_567824.1; NP\_569122.1

**Blocking Peptide** EBP11483

**Immunogen** Peptide with sequence PHSHQYSDRRQPN-C, from the N Terminus of the protein sequence according to NP\_001387.2; NP\_569120.1; NP\_567824.1; NP\_569122.1.

**Product Comments** This antibody is expected to recognize all reported isoforms (NP\_001387.2; NP\_569120.1; NP\_567824.1; NP\_569122.1). This antibody is not expected to cross-react with DYRK1B.

**Peptide Sequence** PHSHQYSDRRQPN-C

**Purification Method** Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**Shipping Instructions** Refrigerated

**Predicted Species** Human, Mouse, Rat, Dog, Pig, Cow

**Reactive Species** Human

**Human Gene ID** 1859

**Mouse Gene ID** 13548

**Rat Gene ID** 25255

**Product Grade** [https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite\\_medium.png](https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png)

**ELISA**

**Detection Limit** Antibody detection limit dilution 1:64000.

**Western Blot** Approx 80kDa band observed in lysates of cell line K562 (calculated MW of 85.6kDa according to NP\_001387.2). Recommended concentration: 0.5-2µg/ml. Primary incubation was 1 hour.

**Application Type** Pep-ELISA, WB, IP

## SELECTED REFERENCES

[{"pmid": 29764512, "intro": "**This antibody has been successfully used in IP on Human:**", "title": "Mutational analysis of two residues in the DYRK homology box of the protein kinase DYRK1A", "author": "Esti Wahyu Widowati, Simone Bamberg-Lemper and Walter Becky", "journal": "BMC Res Notes. 2018 May 15;11(1):297. "}]

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

250kDa  
150kDa  
100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa