

# Product Datasheet

## MAPKAPK2 Antibody [HRP]

### NB120-20547-0.1mg

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NB120-20547-0.1mg**

MAPKAPK2 Antibody [HRP]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Gentamicin Sulfate
<b>Isotype</b>	IgG
<b>Conjugate</b>	HRP
<b>Purity</b>	Delipidation and Defibrination
<b>Buffer</b>	0.02 M Potassium Phosphate (pH 7.2), and 0.15 M NaCl
<b>Product Description</b>	
<b>Description</b>	This antibody is purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above.
<b>Host</b>	Rabbit
<b>Gene ID</b>	9261
<b>Gene Symbol</b>	MAPKAPK2
<b>Species</b>	Human
<b>Reactivity Notes</b>	Reactive in human, mouse, rat. Yeast reactivity reported in scientific literature (PMID: 21772262)
<b>Specificity/Sensitivity</b>	This antibody is directed against rabbit MAPKAP Kinase 2. This polyclonal anti-MAPKAP Kinase 2 antibody recognizes native and over-expressed protein found in various tissues.
<b>Immunogen</b>	Immunogen: This antibody was affinity purified from whole rabbit serum prepared by repeated immunizations with a synthetic peptide corresponding to aa 310-325 of rabbit MAPKAPK2 conjugated to KLH using maleimide. A terminal cysteine residue was added to facilitate coupling.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA
<b>Recommended Dilutions</b>	Western Blot 1:500-1:2000, ELISA 1:4000-1:20000

## Publications

Tran K, Jethmalani Y, Jaiswal D et al. Set4 is a chromatin-associated protein, promotes survival during oxidative stress, and regulates stress response genes in yeast *J. Biol. Chem.* 2018-08-06 [PMID: 30082318] (WB, Yeast)

Gowans GJ, Schep AN, Wong KM et al. INO80 Chromatin Remodeling Coordinates Metabolic Homeostasis with Cell Division *Cell Rep* 2018-01-16 [PMID: 29346761] (WB)

Beckwith SL, Schwartz EK, Garcia-Nieto PE et al. The INO80 chromatin remodeler sustains metabolic stability by promoting TOR signaling and regulating histone acetylation. *PLoS Genet.* 2018-02-01 [PMID: 29462149] (WB)

Yao W, King DA, Beckwith SL et al. The INO80 Complex Requires the Arp5-Ies6 Subcomplex for Chromatin-Remodeling and Metabolic Regulation *Mol Cell Biol* 2016-01-13 [PMID: 26755556] (WB, Yeast)

Yao W, Beckwith SL, Zheng T et al. Assembly of the Arp5 Subunit Involved in Distinct INO80 Chromatin-Remodeling Activities *J Biol Chem* 2015-08-26 [PMID: 26306040] (WB, Yeast)

Lee MV, Topper SE, Hubler SL et al. A dynamic model of proteome changes reveals new roles for transcript alteration in yeast *Mol Syst Biol* 2011-07-21 [PMID: 21772262] (WB, Yeast)





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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