

# Product Datasheet

## Goat anti-Rat IgG2a Heavy Chain Secondary Antibody [HRP] NB7126

Unit Size: 1 ml

Store at 4C. Do not freeze.

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**NB7126****Goat anti-Rat IgG2a Heavy Chain Secondary Antibody [HRP]**

<b>Product Information</b>	
<b>Unit Size</b>	1 ml
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Pro-Clean 400
<b>Isotype</b>	IgG
<b>Conjugate</b>	HRP
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Phosphate Buffered Saline (PBS) containing 0.2% BSA
<b>Product Description</b>	
<b>Host</b>	Goat
<b>Species</b>	Rat
<b>Specificity/Sensitivity</b>	By immunoelectrophoresis and ELISA this reacts specifically with Rat IgG2a. This may cross react with IgG2a from other species.
<b>Immunogen</b>	Rat IgG2a
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:2000 - 1:20000, ELISA 1:10000 - 1:100000, Immunohistochemistry 1:200 - 1:2000, Immunocytochemistry/ Immunofluorescence 1:200 - 1:2000, Immunohistochemistry-Paraffin 1:200 - 1:2000

## Publications

You Y, Muraoka S, Jedrychowski MP et al. Human neural cell type-specific extracellular vesicle proteome defines disease-related molecules associated with activated astrocytes in Alzheimer's disease brain *Journal of Extracellular Vesicles* 2022-01-13 [PMID: 35029059]

Grandoch M, Flögel U, Virtue S et al. 4-Methylumbelliferone improves the thermogenic capacity of brown adipose tissue *Nature Metabolism* 2019-10-12 [PMID: 31602424]

Gagan JM, Cao K, Zhang YA Et al. Constitutive transgenic a-Klotho overexpression enhances resilience to and recovery from murine acute lung injury *Am J Physiol Lung Cell Mol Physiol* 2021-08-04 [PMID: 34346778] (WB)

### Details:

Citation using the HRP version of this antibody.

Kohlmorgen C, Gerfer S, Feldmann K et al. Dapagliflozin reduces thrombin generation and platelet activation: implications for cardiovascular risk reduction in type 2 diabetes mellitus *Diabetologia* 2021-06-16 [PMID: 34131781]

### Details:

This citation used the HRP format of this antibody.

Jin H, Wu Y, Bi S et al. Higher immune response induced by vaccination in Houhai acupoint relates to the lymphatic drainage of the injection site *Res Vet Sci* 2020-04-01 [PMID: 32224352] (ELISA)

Barth M, Selig JI, Klose S et al. Degenerative aortic valve disease and diabetes: Implications for a link between proteoglycans and diabetic disorders in the aortic valve *Diab Vasc Dis Res* 2018-12-20 [PMID: 30563371] (IF/IHC)





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### **Limitations**

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

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