

# Product Datasheet

## Rabbit IgG Isotype Control [Agarose] NB600-441

Unit Size: 0.1 mg

2 - 8C / 2 years from date of receipt

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**NB600-441****Rabbit IgG Isotype Control [Agarose]**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Please contact technical services for concentration.
<b>Storage</b>	2 - 8C / 2 years from date of receipt
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.1% Sodium Azide
<b>Isotype</b>	IgG
<b>Conjugate</b>	Agarose
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS.

<b>Product Description</b>	
<b>Description</b>	This Rabbit IgG immunoglobulin is useful as an isotype control for Rabbit IgG antibodies.
<b>Host</b>	Rabbit
<b>Gene ID</b>	3500
<b>Gene Symbol</b>	IGHG1
<b>Species</b>	Rabbit
<b>Notes</b>	Protein concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:100 - 1:2000, Immunoprecipitation 1:10 - 1:500
<b>Application Notes</b>	Rabbit IgG was coupled to agarose beads using a cyanogen bromide method. Rabbit IgG concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG, before coupling to agarose beads. Useful as a positive control in immunoassays. IP control that is used in conjunction with agarose-immobilize antibodies made in rabbit. WB usage was reported in scientific literature (PMID: 24569374). Proximity Ligation Assay usage was reported in scientific literature (PMID: 24569374). Use the isotype control at the same concentration as the experimental antibody. Optimal dilution of this antibody should be experimentally determined.

**Publications**

Ma XH, Piao SF, Dey S et al. Targeting ER stress-induced autophagy overcomes BRAF inhibitor resistance in melanoma. J Allergy Clin Immunol. [PMID: 24569374] (PLA, WB, Human)

Details:

Citation using the Agarose Immobilized form of this antibody.

Schiller, N et al. Participation of macrophages in atherosclerotic lesion morphology in LDLr<sup>-/-</sup> mice. Journal of Lipid Research. [PMID: 15175354]

Details:

Citation using the Agarose Immobilized form of this antibody.





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### **Limitations**

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

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