

# Product Datasheet

## beta-Actin Antibody [HRP] NB600-503H

Unit Size: 0.05 ml

Store at 4C in the dark.

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**NB600-503H**

beta-Actin Antibody [HRP]

Product Information	
<b>Unit Size</b>	0.05 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Conjugate</b>	HRP
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	42 kDa
Product Description	
<b>Host</b>	Rabbit
<b>Gene ID</b>	60
<b>Gene Symbol</b>	ACTB
<b>Species</b>	Human, Mouse, Rat, Porcine, Avian, Bovine, Chinese Hamster, Fish, Primate, Rabbit
<b>Reactivity Notes</b>	Rabbit reactivity and Fish reactivity reported in scientific literature (PMID: 23813946 and 25842206 respectively). Expected to cross-react with a wide range of species due to sequence identity. Bovine reactivity reported in scientific literature (PMID:33066332).
<b>Immunogen</b>	This beta-Actin Antibody was made from a synthetic peptide made to an N-terminal region of human Beta Actin. [UniProt P60709]
Product Application Details	
<b>Applications</b>	Western Blot, Simple Western, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Proximity Ligation Assay, Block/Neutralize
<b>Recommended Dilutions</b>	Western Blot, Simple Western, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Proximity Ligation Assay, Block/Neutralize
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.

**Publications**

Hu Z, Qian G, Muller S et al. Biomarker quantification by multiplexed quantum dot technology for predicting lymph node metastasis and prognosis in head and neck cancer Oncotarget Jul 12 2016 12:00AM [PMID: 27172790] (IHC-P, Human). Oncotarget. 2016-07-12 [PMID: 27172790] (IHC-P, Human)

## Details:

This citation used the HRP version of this antibody.

Pang X, Wang Z, Yin D, Zhang Z. Overexpression of hypoxia-inducible factor prolyl- hydroxylase attenuated by HCG-induced vascular endothelial growth factor expression in luteal cells. Mol Med Rep 2015-05-16 [PMID: 25975603]





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### **Products Related to NB600-503H**

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NBP2-24891H	Rabbit IgG Isotype Control [HRP]
NB600-503PEP	beta-Actin Antibody Blocking Peptide
U-100H-10M	Ubiquitin [Unconjugated]
H00000060-P01-10ug	Recombinant Human beta-Actin GST (N-Term) Protein

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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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