

Product Datasheet

GFP Antibody - BSA Free NBP2-50034

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-50034

GFP Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.035% Sodium Azide
Isotype	IgY
Purity	IgY purified
Buffer	50% PBS, 50% glycerol. Supplied as concentrated total IgY preparation from egg yolk. Exact concentration of target specific IgY is not quantifiable as the preparation contains both immune IgY specific for the target and also irrelevant, non-immune IgY.
Target Molecular Weight	27 kDa

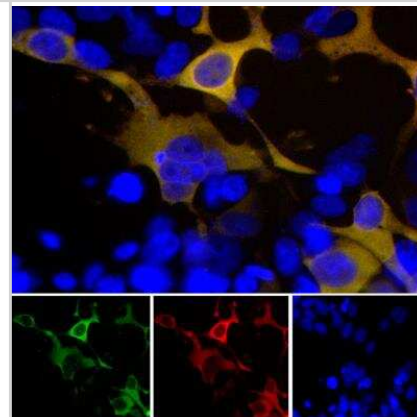
Product Description	
Host	Chicken
Species	Non-species specific
Immunogen	This GFP antibody was developed against recombinant Green Fluorescent Protein (GFP)
Notes	Chicken products cannot be exported to Canada.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000 - 1:5000, Immunohistochemistry 1:1000 - 1:5000, Immunocytochemistry/ Immunofluorescence 1:1000 - 1:5000

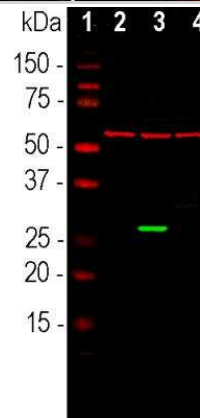


Images

Immunocytochemistry/Immunofluorescence: GFP Antibody [NBP2-50034] - Analysis of transfected HEK293 cells with a GFP-construct, in green, and stained with chicken pAb to GFP, NBP2-50034, dilution 1:1,000, in red. The blue is DAPI staining of nuclear DNA. NBP2-50034 antibody reveals GFP protein expressed only in transfected cells, and as a result these cells appear golden yellow in color.



GFP Antibody [NBP2-50034] - Analysis of HEK293 cell lysates using goat pAb to GFP, dilution 1:1,000 (Green): [1] protein standard, [2] non-transfected control cells, [3] cells transfected with a GFP construct and [4] cells transfected with an mCherry construct. Strong band at ~27kDa corresponds to GFP protein detected only in cells transfected with GFP construct. This antibody does not recognize the mCherry protein. The blot was simultaneously probed with chicken pAb to HSP60, dilution 1:10,000 (Red). The single band at 60kDa represents HSP60 protein expressed in all preparations.



Publications

Noah J. Gurley, Rachel A. Szymanski, Robert H. Downen, T. Amber Butcher, Noboru Ishiyama, Mark Peifer, Giovanni Messina Exploring the evolution and function of Canoe's intrinsically disordered region in linking cell-cell junctions to the cytoskeleton during embryonic morphogenesis PLOS ONE 2023-08-03 [PMID: 37535684]

Gurley NJ, Szymanski RA, Downen RH et al. Exploring the evolution and function of Canoe's intrinsically disordered region in linking cell-cell junctions to the cytoskeleton during embryonic morphogenesis bioRxiv : the preprint server for biology 2023-03-06 [PMID: 36945496]



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Products Related to NBP2-50034

BAF010	Goat anti-Chicken IgY Secondary Antibody [Biotin]
NB7276	Goat anti-Chicken IgM Heavy Chain Secondary Antibody
NB100-56401PEP	GFP Antibody Blocking Peptide
NBC1-22949	Recombinant GFP Protein

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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