

# Product Datasheet

## PERQ2 Antibody - BSA Free

### NBP2-12812

Unit Size: 100 ul

Store at 4C. Do not freeze.

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**NBP2-12812**

PERQ2 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

**Product Description**

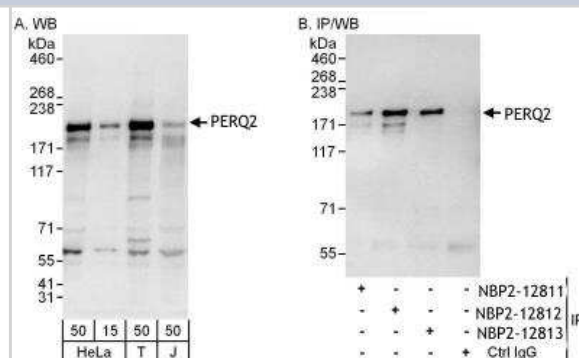
<b>Host</b>	Rabbit
<b>Gene ID</b>	26058
<b>Gene Symbol</b>	GIGYF2
<b>Species</b>	Human
<b>Immunogen</b>	The immunogen this antibody was made to, maps to a region between residue 375 and 425 of human GRB10 Interacting GYF protein 2 using the numbering given in entry NP_001096616.1 (GeneID 26058).

**Product Application Details**

<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:2000-1:10000, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation 2-10 ug/mg lysate
<b>Application Notes</b>	Use in ICC/IF reported in scientific literature (PMID: 28585547).

**Images**

Immunoprecipitation: PERQ2 Antibody [NBP2-12812] - Samples: Whole cell lysate from HeLa (15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), 293T (T; 50 ug) and Jurkat (J; 50 ug) cells. Antibodies: Affinity purified rabbit anti-PERQ2 antibody NBP2-12811 used for WB at 0.1 ug/ml (A) and 1 ug/ml (B) and used for IP at 6 ug/mg lysate. PERQ2 was also immunoprecipitated by rabbit anti-PERQ2 antibodies NBP2-12812 and NBP2-12813, which recognize downstream epitopes. Detection: Chemiluminescence with exposure times of 10 seconds (A and B).

**Publications**

Schopp I, Amaya Ramirez C, Debeljak J et al. Split-BioID a conditional proteomics approach to monitor the composition of spatiotemporally defined protein complexes. Nat Commun 2017-06-06 [PMID: 28585547] (WB, ICC/IF, IP, Human)



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### **Products Related to NBP2-12812**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-56094PEP	PERQ2 Recombinant Protein Antigen

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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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