

# Product Datasheet

## Phosphoenolpyruvate Carboxylase Antibody - BSA Free NBP2-44235

Unit Size: 0.1 mg

Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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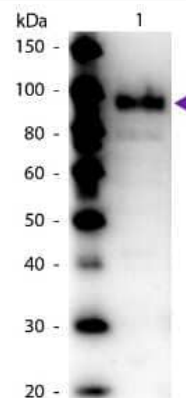


**NBP2-44235****Phosphoenolpyruvate Carboxylase Antibody - BSA Free**

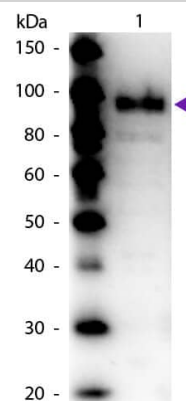
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	LYOPH mg/ml
<b>Storage</b>	Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Sodium Azide
<b>Reconstitution Instructions</b>	Reconstitute with 100 ul deionized water (or equivalent)
<b>Isotype</b>	IgG
<b>Purity</b>	Multi-step
<b>Buffer</b>	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Product Description</b>	
<b>Description</b>	<p>This antibody is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum as well as purified and partially purified Phospho-enol-Pyruvate Carboxylase [Maize]</p> <p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
<b>Host</b>	Rabbit
<b>Gene ID</b>	542372
<b>Gene Symbol</b>	LOC542372
<b>Species</b>	Plant
<b>Reactivity Notes</b>	Cross reactivity against Phospho-enol-Pyruvate Carboxylase from other tissues and species may occur but have not been specifically determined.
<b>Immunogen</b>	Phosphoenolpyruvate Carboxylase Antibody was produced by repeated immunizations with maize leaves Phospho-enol-pyruvate Carboxylase. (Uniprot: B8XPZ2)
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:1000-1:4000, ELISA 1:10000-1:40000, Immunohistochemistry 1:10-1:500
<b>Application Notes</b>	This product has been tested by western blotting and ELISA is suitable for IHC. Researchers should determine optimal titers for applications that are not stated below.

## Images

Western Blot: Phospho Enol Pyruvate Carboxylase Antibody [NBP2-44235] - lane 1: Phospho Enol Pyruvate (PEP) Carboxylase. Lane 2: None. Load: 50 ng per lane.



Western Blot of Rabbit Anti-Phospho Enol Pyruvate (PEP) Carboxylase antibody. Lane 1: Phospho Enol Pyruvate (PEP) Carboxylase. Lane 2: None. Load: 50 ng per lane. Primary antibody: Phospho Enol Pyruvate (PEP) Carboxylase primary antibody at 1:1,000 overnight at 4C. Secondary antibody: Peroxidase rabbit secondary antibody at 1:40,000 for 30 min at RT. Blocking: for 30 min at RT. Predicted/Observed size: 100 kDa, 100 kDa for Phospho Enol Pyruvate (PEP) Carboxylase. Other band(s): None.





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### **Products Related to NBP2-44235**

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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

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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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