

# Product Datasheet

## PEA-15 Antibody (4D117) - BSA Free NBP3-05543-100ul

Unit Size: 100 ul

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

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**NBP3-05543-100ul**

PEA-15 Antibody (4D117) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	4D117
<b>Preservative</b>	0.035% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	50% PBS, 50% glycerol
<b>Target Molecular Weight</b>	15 kDa

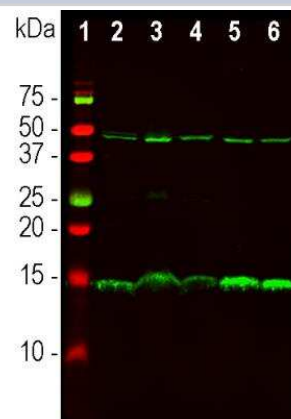
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	8682
<b>Gene Symbol</b>	PEA15
<b>Species</b>	Human, Mouse, Rat, Bovine
<b>Immunogen</b>	Full length human PEA-15 as expressed in and purified from E. coli.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:1000-1:2000, Immunocytochemistry/ Immunofluorescence 1:1000-2000

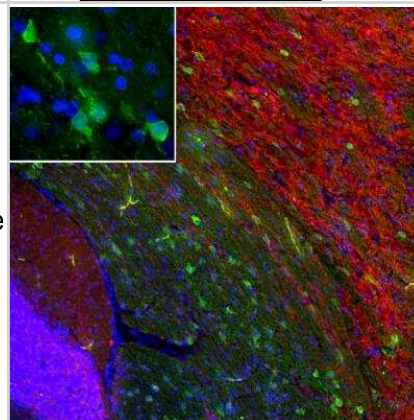


## Images

Western Blot: PEA-15 Antibody [NBP3-05543] - Western blot analysis of different tissue lysates using PEA-15 Antibody at a dilution of 1:1,000 in green: [1] protein standard (red), [2] rat whole brain, [3] rat cerebellum, [4] mouse whole brain, [5] cow cortex and [6] cow cerebellum. The strong band at about 15kDa corresponds to the PEA-15 protein.



Immunocytochemistry/Immunofluorescence: PEA-15 Antibody [NBP3-05543] - Immunofluorescent analysis of rat brain section stained with PEA-15 Antibody at a dilution of 1:1,000 in red, and costained with chicken pAb to MAP2 at a dilution of 1:5,000 in green. The blue is Hoechst staining of nuclear DNA. Following transcatheter perfusion of rat with 4% paraformaldehyde, brain was post fixed for 24 hours, cut to 45uM, and free-floating sections were stained with above antibodies. The PEA-15 antibody labels the cytoplasm of certain presumably neuronal cells which are not labelled by the astrocyte specific GFAP antibody.





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### **Products Related to NBP3-05543-100ul**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-30247	Recombinant Human PEA-15 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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