

Anti-PEA-15 (Phospho-Ser104) Polyclonal Antibody



Catalog No.	Size
A100091-01	50 µl
A100091-02	100 µl

Specificity	Anti-PEA-15 (Phospho-Ser104) (human mouse rat)
Source	Rabbit Polyclonal
Application	WB ELISA IHC
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: Q15121

Other Names: astrocytic phosphoprotein PEA-15; PE15; PEA15; PED; phosphoprotein enriched in diabetes

Specificity and Sensitivity

PEA-15 (Phospho-Ser104) antibody detects endogenous levels of PEA-15 only when phosphorylated at serine 104.

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human PEA-15 around the phosphorylation site of serine 104(I-P-S^P-A-K).

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 IHC: 1:50~1:100 ELISA: 1:20000

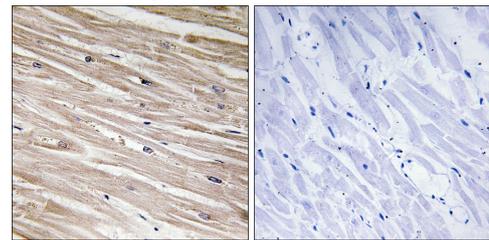
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

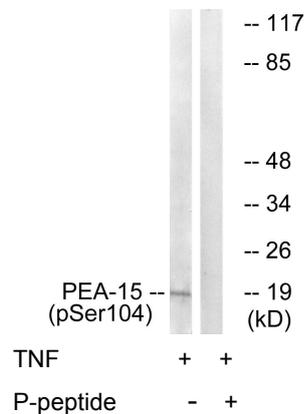
Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



P-peptide - +
Immunohistochemistry analysis of paraffin-embedded human heart tissue using PEA-15 (Phospho-Ser104) antibody.



Western blot analysis of extracts from COS cells, treated with TNF (20ng/ml, 5mins), using PEA-15 (Phospho-Ser104) antibody.