

Datasheet for ABIN6283859  
**anti-PEA15 antibody (pSer104)**



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## Overview

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Quantity:            | 50 µL                                                                                     |
| Target:              | PEA15                                                                                     |
| Binding Specificity: | AA 40-120, pSer104                                                                        |
| Reactivity:          | Human, Mouse, Rat, Monkey                                                                 |
| Host:                | Rabbit                                                                                    |
| Clonality:           | Polyclonal                                                                                |
| Conjugate:           | This PEA15 antibody is un-conjugated                                                      |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|               |                                                                                                                         |
|---------------|-------------------------------------------------------------------------------------------------------------------------|
| Purpose:      | Rabbit polyclonal to Phospho-PEA-15 (S104).                                                                             |
| Immunogen:    | Synthesized peptide derived from human PEA-15 around the phosphorylation site of S104.                                  |
| Isotype:      | IgG                                                                                                                     |
| Specificity:  | Phospho-PEA-15 (S104) Polyclonal Antibody detects endogenous levels of PEA-15 protein only when phosphorylated at S104. |
| Purification: | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.   |

## Target Details

|         |       |
|---------|-------|
| Target: | PEA15 |
|---------|-------|

## Target Details

|                   |                                           |
|-------------------|-------------------------------------------|
| Alternative Name: | PEA-15 ( <a href="#">PEA15 Products</a> ) |
| Molecular Weight: | 19 kDa                                    |
| Gene ID:          | 8682                                      |
| UniProt:          | <a href="#">Q15121</a>                    |

## Application Details

|                    |                                                                                                                                                                                                                                                                                                     |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | WB 1:500-1:2000<br>IHC 1:100-1:300<br>ELISA 1:20000                                                                                                                                                                                                                                                 |
| Comment:           | Ubiquitously expressed. Most abundant in tissues such as heart, brain, muscle and adipose tissue which utilize glucose as an energy source. Lower expression in glucose-producing tissues. Higher levels of expression are found in tissues from individuals with type 2 diabetes than in controls. |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                               |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | 1 mg/mL                                                                                                                |
| Buffer:            | Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.                                             |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                                 |
| Storage Comment:   | Store at -20°C, and avoid repeat freeze-thaw cycles.                                                                   |