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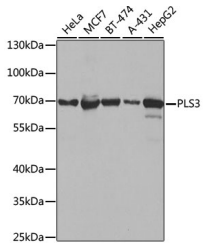
# PLS3 Polyclonal Antibody

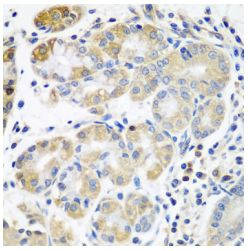
| | | | |
|---|---|---|---|
| **Catalog No.** | E-AB-62167 | **Reactivity** | H,M,R |
| **Storage** | Store at -20°C. Avoid freeze / thaw cycles. | **Host** | Rabbit |
| **Applications** | WB,IHC | **Isotype** | IgG |

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

## Images




Western blot analysis of extracts of various cell lines using PLS3 Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Human stomach using PLS3 Polyclonal Antibody at dilution of 1:100 (40x lens).

## Immunogen Information

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|---|---|
| **Immunogen** | Recombinant fusion protein of human PLS3 (NP_005023.2). |
| **GeneID** | 5358 |
| **Swissprot** | P13797 |
| **Synonyms** | PLS3,BMND18,T-plastin,plastin-3 |

## Product Information

| | |
|---|---|
| **Calculated MW** | 65kDa/69kDa/70kDa |
| **Observed MW** | 71kDa |
| **Buffer** | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| **Purify** | Affinity purification |
| **Dilution** | WB 1:200-1:2000 IHC 1:50-1:100 |

## Background

Plastins are a family of actin-binding proteins that are conserved throughout eukaryote evolution and expressed in most tissues of higher eukaryotes. In humans, two ubiquitous plastin isoforms (L and T) have been identified. Plastin 1 (otherwise known as Fimbrin) is a third distinct plastin isoform which is specifically expressed at high levels in the small intestine. The L isoform is expressed only in hemopoietic cell lineages, while the T isoform has been found in all other normal cells of solid tissues that have replicative potential (fibroblasts, endothelial cells, epithelial cells, melanocytes, etc.). The C-terminal 570 amino acids of the T-plastin and L-plastin proteins are 83% identical. It contains a potential calcium-binding site near the N terminus. Alternate splicing results in multiple transcript variants.