

## Product datasheet for **AP01589PU-M**

### **G3BP (G3BP1) pSer232 Rabbit Polyclonal Antibody**

#### **Product data:**

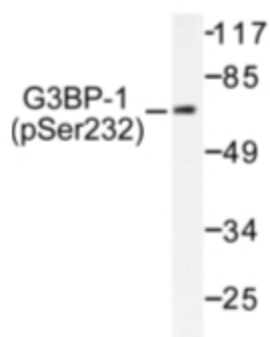
|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Applications:           | IHC, WB   |
| Recommended Dilution:   | <b>Western Blot:</b> 1/500-1/1000.<br><b>Immunohistochemistry on paraffin sections</b> 1/50-1/200.  |
| Reactivity:             | Human, Mouse  |
| Host:                   | Rabbit  |
| Clonality:              | Polyclonal  |
| Specificity:            | This antibody detects endogenous levels of G3BP-1 pSer232 protein.  |
| Formulation:            | Phosphate buffered saline (PBS), pH~7.2 containing 0.05% Sodium Azide as preservative.<br>State: Aff - Purified<br>State: Liquid purified Ig fraction (> 95% pure by SDS-PAGE).   |
| Concentration:          | 1.0 mg/ml   |
| Purification:           | Affinity Chromatography using epitope-specific immunogen.   |
| Conjugation:            | Unconjugated  |
| Storage:                | Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.<br>Avoid repeated freezing and thawing.   |
| Stability:              | Shelf life: One year from despatch.   |
| Predicted Protein Size: | ~ 52 kDa  |
| Gene Name:              | G3BP stress granule assembly factor 1   |
| Database Link:          | <a href="#">Entrez Gene 10146 Human Q13283</a>  |
| Background:             | G3BP is one of the DNA-unwinding enzymes which prefers partially unwound 3'-tailed substrates and can also unwind partial RNA/DNA and RNA/RNA duplexes in an ATP-dependent fashion. This enzyme is a member of the heterogeneous nuclear RNA-binding proteins and is also an element of the Ras signal transduction pathway. It binds specifically to the Ras-GTPase-activating protein by associating with its SH3 domain. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. |



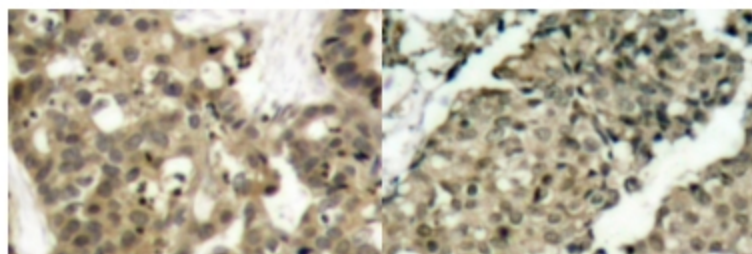
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Synonyms: G3BP-1, hDH VIII

## Product images:



Western blot (WB) analysis of G3BP-1 pSer232 antibody Cat.-No.: [AP01589PU-N] in extracts from COS7 cells.



Immunohistochemistry (IHC) analysis of G3BP-1 pSer232 antibody Cat.-No.: [AP01589PU-N] in paraffin-embedded human breast carcinoma tissue.