

Datasheet for ABIN1531847
anti-G3BP1 antibody (pSer232)



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2 Images

Overview

Quantity:	100 µL
Target:	G3BP1
Binding Specificity:	AA 216-248, pSer232
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This G3BP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human G3BP-1 around the phosphorylation site of Ser232.
Isotype:	IgG
Specificity:	G3BP-1 (Phospho-Ser232) Antibody detects endogenous levels of G3BP-1 only when phosphorylated at Ser232. PhosphorylationH:S232, M:S231
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific peptide.
Purity:	> 95 %

Target Details

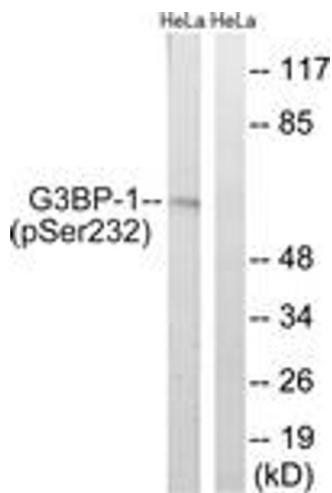
Target:	G3BP1
Alternative Name:	G3BP-1 (G3BP1 Products)
Background:	Synonyms: Ras GTPase-activating protein-binding protein 1, G3BP-1, ATP-dependent DNA helicase VIII, HDH-VIII, GAP SH3 domain-binding protein 1, G3BP1, G3BP NCBI Gene Symbol: G3BP1
Molecular Weight:	'52 kDa
Gene ID:	10146
OMIM:	608431
UniProt:	Q13283
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:1000
Comment:	Unigene-Number: Hs.587054 (NCBI Gene Symbol: G3BP1)
Restrictions:	For Research Use only

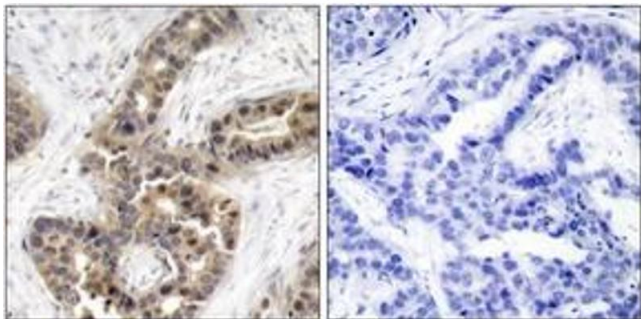
Handling

Format:	Liquid
Concentration:	4 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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/1 year
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from HeLa cells, using G3BP-1 (Phospho-Ser232) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using G3BP-1 (Phospho-Ser232) Antibody. The picture on the right is treated with the synthesized peptide.