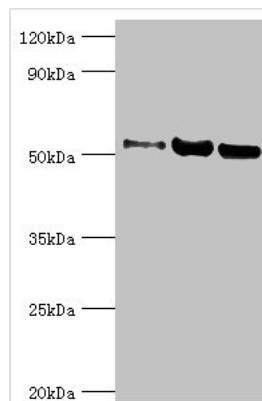




G3BP1 Antibody

Product Code	CSB-PA613389ESR1HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q13283
Immunogen	Recombinant Human Ras GTPase-activating protein-binding protein 1 protein (227-466AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, WB, IHC; Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200
Relevance	May be a regulated effector of stress granule assembly. Phosphorylation-dependent sequence-specific endoribonuclease in vitro. Cleaves exclusively between cytosine and adenine and cleaves MYC mRNA preferentially at the 3\'-UTR. ATP- and magnesium-dependent helicase. Unwinds preferentially partial DNA and RNA duplexes having a 17 bp annealed portion and either a hanging 3\' tail or hanging tails at both 5\'- and 3\'-ends. Unwinds DNA/DNA, RNA/DNA, and RNA/RNA substrates with comparable efficiency. Acts unidirectionally by moving in the 5\' to 3\' direction along the bound single-stranded DNA.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purification Method	Antigen Affinity Purified
Isotype	IgG
Clonality	Polyclonal
Alias	Ras GTPase-activating protein-binding protein 1 (G3BP-1) (EC 3.6.4.12) (EC 3.6.4.13) (ATP-dependent DNA helicase VIII) (hDH VIII) (GAP SH3 domain-binding protein 1), G3BP1, G3BP
Species	Human
Research Area	Epigenetics and Nuclear Signaling
Target Names	G3BP1
Image	



Western blot

All lanes: Carbonic anhydrase 1 antibody at 2 μ g/ml

Lane 1: HepG2 whole cell lysate

Lane 2: 293T whole cell lysate

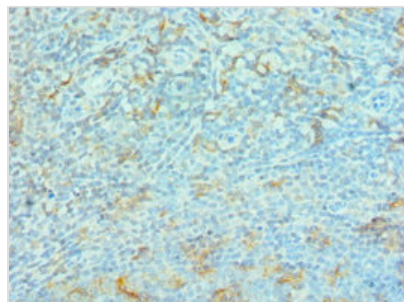
Lane 3: 293T whole cell lysate

Secondary

Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 53, 14 kDa

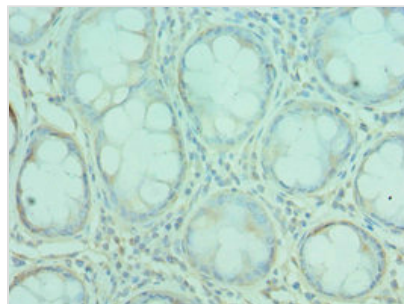
Observed band size: 53 kDa



Immunohistochemistry of paraffin-embedded

human tonsil tissue using CSB-

PA613389ESR1HU dilution 1:100



Immunohistochemistry of paraffin-embedded

human colon cancer using CSB-

PA613389ESR1HU at dilution of 1:100