

Anti-G3BP1 antibody (131-330) (STJ117036)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

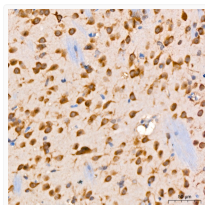
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:100-1:500 IHC-P:1:50-1:100 IF/ICC:1:50-1:100 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 52kDa Observed Mw: 68kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

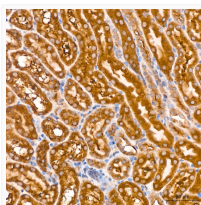
Gene ID	10146
Gene Symbol	G3BP1
UniProt ID	G3BP1_HUMAN
Immunogen Region	131-330
Immunogen Sequence	FRYQDEVFGGFVTEPQEESE EEVEEPEERQQTPEVVPDDS GTFYDQAVVSNDMEEHLEEP VAEPEPDPEPEPEQEPVSEI QEEKPEPVLEETAPEDAQKS SSPAPADIAQTQVEDLRTFS WASVTSKNLPPSGAVPVGTI PPHVVKVPASQPRPESKPES QIPPQRPQRDQVRVREQRINI PPQGRPRPIREAGEQGDIEP
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 131-330 of human G3BP1 (NP_938405.1).

ADDITIONAL INFORMATION

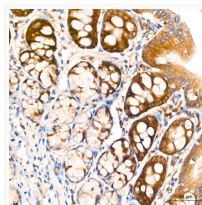
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



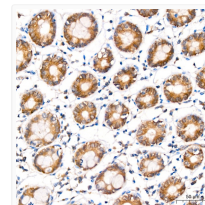
Immunohistochemistry analysis of G3BP1 in paraffin-embedded rat brain tissue using G3BP1 Rabbit polyclonal antibody (STJ117036) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



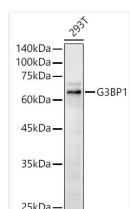
Immunohistochemistry analysis of G3BP1 in paraffin-embedded mouse kidney tissue using G3BP1 Rabbit polyclonal antibody (STJ117036) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of G3BP1 in paraffin-embedded rat colon tissue using G3BP1 Rabbit polyclonal antibody (STJ117036) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of G3BP1 in paraffin-embedded human colon tissue using G3BP1 Rabbit polyclonal antibody (STJ117036) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Western blot analysis of lysates from 293T cells, using G3BP1 Rabbit polyclonal antibody (STJ117036) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.