ARG63646
anti-STAP2 / BKS antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes STAP2 / BKS
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognise isoforms 1 (NP_060190.2) and isoform 2 (NP_001013863.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	STAP2 / BKS
Species	Human
Immunogen	C-ELQKKLEKRRALEH
Conjugation	Un-conjugated
Alternate Names	Signal-transducing adaptor protein 2; BRK substrate; STAP-2; Breast tumor kinase substrate; BKS

Application Instructions

Application table

Application	Dilution
IHC-P	Assay - dependent
WB	0.5 - 1.5 µg/ml

Application Note

WB: Recommend incubate at RT for 1h.
IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

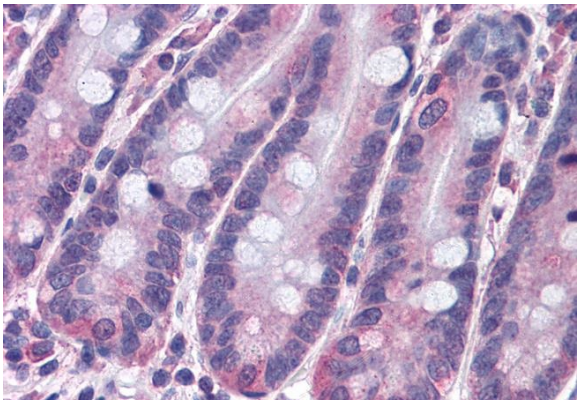
Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

	before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

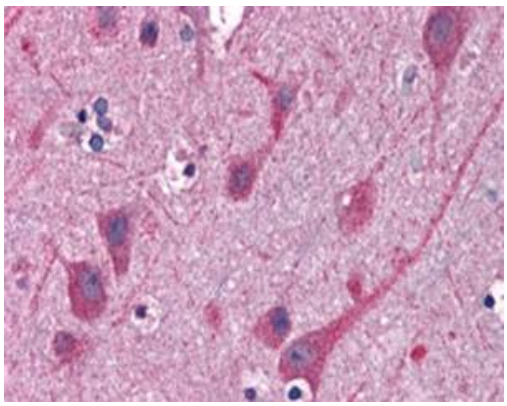
Database links	GeneID: 55620 Human Swiss-port # Q9UGK3 Human
Background	This gene encodes the substrate of breast tumor kinase, an Src-type non-receptor tyrosine kinase. The encoded protein possesses domains and several tyrosine phosphorylation sites characteristic of adaptor proteins that mediate the interactions linking proteins involved in signal transduction pathways. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2008]
Research Area	Gene Regulation antibody; Immune System antibody; Signaling Transduction antibody
Calculated Mw	45 kDa
PTM	Phosphorylated on tyrosine. Tyr-250 may be important for interaction with kinases. Phosphorylated by PTK6 at Tyr-250 modulates PTK6-mediated STAT3 activation. Tyr-22 and Tyr-322 appears to be phosphorylated by SRC.

Images



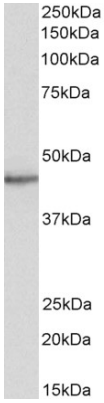
ARG63646 anti-STAP2 / BKS antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human small intestine tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63646 anti-STAP2 / BKS antibody at 3.75 µg/ml dilution followed by AP-staining.



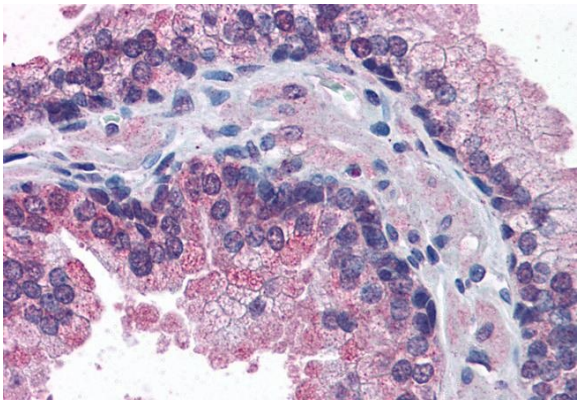
ARG63646 anti-STAP2 / BKS antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Cortex. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG63646 anti-STAP2 / BKS antibody at 3.8 µg/ml dilution followed by AP-staining.



ARG63646 anti-STAP2 / BKS antibody WB image

Western blot: 35 µg of Human heart lysate (in RIPA buffer) stained with ARG63646 anti-STAP2 / BKS antibody at 0.5 µg/ml dilution and incubated at RT for 1 hour.



ARG63646 anti-STAP2 / BKS antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human prostate tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63646 anti-STAP2 / BKS antibody at 3.75 µg/ml dilution followed by AP-staining.