

STAP2 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12739c**Specification**

STAP2 Antibody (Center) - Product Information

Application	WB, IHC-P,E
Primary Accession	O9UGK3
Other Accession	NP_001013863.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	44894
Antigen Region	187-216

STAP2 Antibody (Center) - Additional Information**Gene ID** 55620**Other Names**

Signal-transducing adaptor protein 2, STAP-2, Breast tumor kinase substrate, BRK substrate, STAP2, BKS

Target/Specificity

This STAP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 187-216 amino acids from the Central region of human STAP2.

Dilution

WB~~1:1000

IHC-P~~1:10~50

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

STAP2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

STAP2 Antibody (Center) - Protein Information**Name** STAP2

Synonyms BKS

Function Substrate of protein kinase PTK6. May play a regulatory role in the acute-phase response in systemic inflammation and may modulate STAT3 activity.

Cellular Location

Cytoplasm.

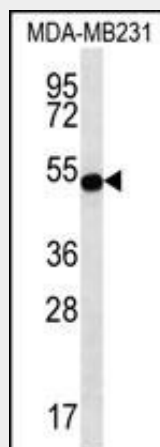
Tissue Location

Widely expressed.

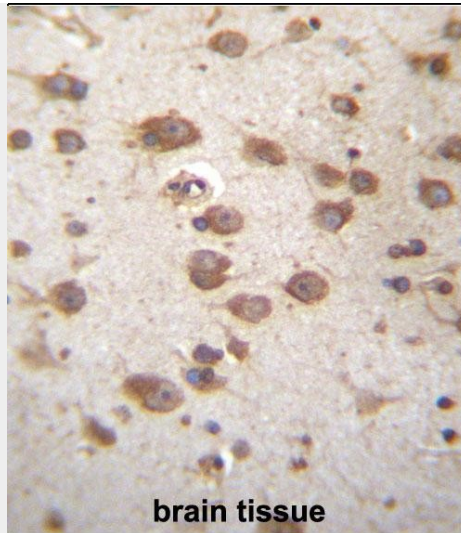
STAP2 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

STAP2 Antibody (Center) - Images

STAP2 Antibody (Center) (Cat. #AP12739c) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the STAP2 antibody detected the STAP2 protein (arrow).



STAP2 Antibody (Center) (Cat. #AP12739c) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of STAP2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

STAP2 Antibody (Center) - 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.

STAP2 Antibody (Center) - References

Shimada, M., et al. Hum. Genet. 128(4):433-441(2010)
Sekine, Y., et al. J. Immunol. 183(12):7966-7974(2009)
Sekine, Y., et al. Biochem. Biophys. Res. Commun. 384(2):187-192(2009)
Ikeda, O., et al. Biochem. Biophys. Res. Commun. 384(1):71-75(2009)
Ikeda, O., et al. Mol. Cell. Biol. 28(16):5027-5042(2008)