

# Product Datasheet

## B-Raf Antibody - BSA Free **NBP2-41219**

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-41219**

B-Raf Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Peptide affinity purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	94 kDa

**Product Description**

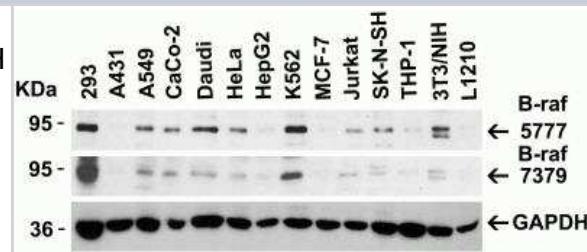
<b>Description</b>	Novus Biologicals Rabbit B-Raf Antibody - BSA Free (NBP2-41219) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	673
<b>Gene Symbol</b>	BRAF
<b>Species</b>	Human, Mouse
<b>Specificity/Sensitivity</b>	Human B-raf has one isoform (766aa, 84kD). Mouse B-raf has 2 isoforms, including isoform 1 (804aa, 89kD) and isoform 2 (329aa, 37kD). Rat B-raf has one isoform (712aa, 80kD). NBP2-41219 can detect in human B-raf and mouse isoform 1. This antibody will not cross-react with C-raf.
<b>Immunogen</b>	Antibody was raised against a 19 amino acid peptide near the center of human B-raf. The immunogen is located within amino acids 330 - 380 of B-raf. Amino Acid Sequence: QPFRPADEDHRNQFGQRDR

**Product Application Details**

<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.5- 2 ug/ml, ELISA, Immunohistochemistry 2.5 ug/ml, Immunocytochemistry/ Immunofluorescence 20 ug/ml, Immunohistochemistry- Paraffin 1:10-1:500

## Images

Western Blot: B-Raf Antibody [NBP2-41219] - 15 ug of lysates per lane. Antibodies: B-raf 5777, (0.5 ug/mL), B-raf 7379, (0.5 ug/mL) and GAPDH (0.02 ug/mL), 1h incubation at RT in 5% NFDM/TBST. Secondary: Goat antichicken and goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



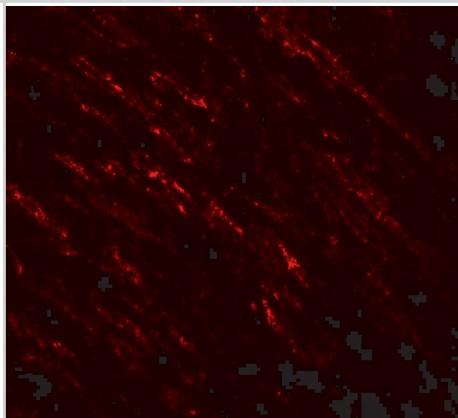
Immunohistochemistry: B-Raf Antibody - BSA Free [NBP2-41219] - Validation of B-Raf in Human Small Intestine Tissue.

Immunohistochemical analysis of paraffin-embedded Human Small Intestine Tissue using anti-B-Raf antibody at 2.5 ug/ml. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.

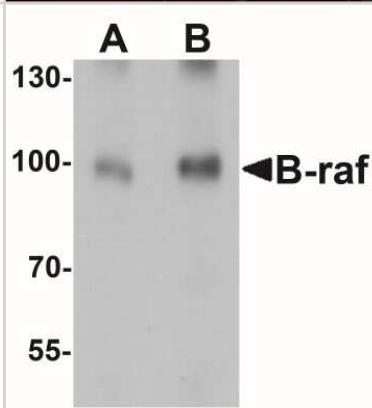


Immunocytochemistry/ Immunofluorescence: B-Raf Antibody - BSA Free [NBP2-41219] - Validation of B-Raf in Human Small Intestine Tissue

Immunofluorescent analysis of 4% paraformaldehyde-fixed Human Small Intestine Tissue labeling B-Raf with at 20 u/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (red).



Western Blot: B-Raf Antibody [NBP2-41219] - Analysis of B-raf in human brain tissue lysate with B-raf antibody at (A) 1 and (B) 2 ug/mL.





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## Products Related to NBP2-41219

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-51931-0.1mg	Recombinant Human B-Raf His Protein

## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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