

AB-NN281-1

RAS Antibody

Pan-specific polyclonal antibody for monitoring the expression of human RAS



KINEXUS

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Target Protein

Name Long:	GTPase K-Ras
Alias:	GTPase Hras, GTPase Kras, GTPase Nras, Ha Ras, K Ras, K ras p21, KRAS, NRAS, p21ras, RASH2
UniProt ID:	B2KGV5 - Mouse
Human Predicted Mass (KDa):	21.656 (189 AA; P01116-1); 21.425 (188 AA; P01116-2)
Observed SDS-PAGE Mass (KDa):	21

Immunogen

Antibody Immunogen Source:	Synthetic peptide corresponding to amino acids 31-43 of human RAS. (The immunogen peptide is from the effector binding loop (I2) of the H, K and N-Ras (AA31-43). This sequence is identical yeast, slime mould, fungi, Xenopus, rat, mouse and chicken over these residues.)
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Production

Antibody Host Species:	Rabbit
Antibody Type:	Polyclonal
Antibody Ig Isotype Clone Lot:	29 Mix
Antibody Purification:	Protein G purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline, pH 7.4, 50% glycerol, 0.09% sodium azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB IHC ICC/IF
Antibody Dilution Recommended:	WB (1:1000), IHC (1:100), ICC/IF (1:200); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rat Bovine
Antibody Positive Control:	1 µg/ml of SPC-173 was sufficient for detection of Ras in 20 µg of Hela cell lysate by colorimetric immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a ~21 kDa protein.

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-888-546-3987