

Datasheet for ABIN5667959

anti-K-RAS antibody (AA 100-189) (Atto 488)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	K-RAS (KRAS)
Binding Specificity:	AA 100-189
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This K-RAS antibody is conjugated to Atto 488
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide from the C-terminal of Human KRAS (aa. 100-189)
Specificity:	Detects ~29 kDa. Band is higher than the predicted molecular weight due to post translational modifications.
Purification:	Peptide Affinity Purified

Target Details

Target:	K-RAS (KRAS)
Alternative Name:	KRAS (KRAS Products)
Target Type:	Viral Protein
Gene ID:	3845

Target Details

NCBI Accession:	NP_004976
UniProt:	P01116

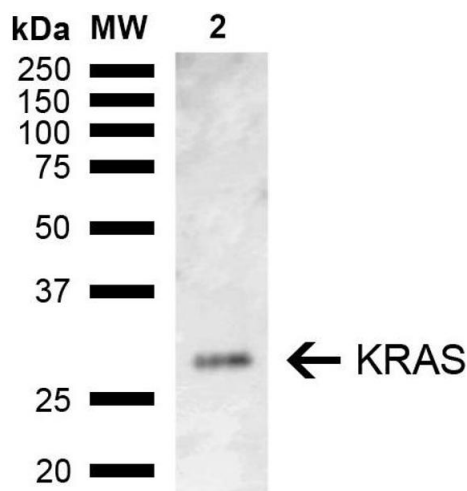
Application Details

Application Notes:	• WB (1:1000) • optimal dilutions for assays should be determined by the user.
Comment:	A 1:1000 dilution of SPC-776 was sufficient for detection of HRAS in 15 µg of cell lysates by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS pH 7.4, 50 % glycerol, 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C

Images



Western Blotting

Image 1. Western blot analysis of Rat Kidney showing detection of ~21.6 kDa KRAS protein using Rabbit Anti-KRAS Polyclonal Antibody (ABIN5667959). Lane 1: Molecular Weight Ladder (MW). Lane 2: Rat Kidney. Load: 15 µg. Block: 5 % Skim Milk in 1X TBST. Primary Antibody: Rabbit Anti-KRAS Polyclonal Antibody (ABIN5667959) at 1:1000 for 2 hours at RT. Secondary Antibody: Goat Anti-Rabbit IgG: HRP at 1:5000 for 1 hour at RT. Color Development: ECL solution for 5 min at RT.

Predicted/Observed Size: ~21.6 kDa. Other Band(s): ~29 kDa (PTM).