

## K-Ras Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP04869
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the C-terminal region of human KRAS. AA range:150-200
<b>Mol wt</b>	21656
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	K-Ras Antibody
<b>Synonyms</b>	GTPase KRas (K-Ras 2) (Ki-Ras) (c-K-ras) (c-Ki-ras) [Cleaved into: GTPase KRas, N-terminally processed]

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

KRAS (KRAS proto-oncogene, GTPase), a Kirsten ras oncogene homolog from the mammalian ras gene family, encodes a protein that is a member of the small GTPase superfamily. A single amino acid substitution is responsible for an activating mutation. The transforming protein that results is implicated in various malignancies, including lung adenocarcinoma, mucinous adenoma, ductal carcinoma of the pancreas and colorectal carcinoma. Alternative splicing leads to variants encoding two isoforms that differ in the C-terminal region.

### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 10000

IHC-p: 100 - 300

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for one year