Phospho-Ret-Y905 Rabbit pAb

Catalog NO.: AP0600 **2 Publications**

Basic Information

Observed MW
124kDa

Calculated MW
124kDa

Category
Phosphorylated Antibodies

Applications
WB, ELISA

Cross-Reactivity
Human

Conjugation
Unconjugated

Background

This gene encodes a transmembrane receptor and member of the tyrosine protein kinase family of proteins. Binding of ligands such as GDNF (glial cell-line derived neurotrophic factor) and other related proteins to the encoded receptor stimulates receptor dimerization and activation of downstream signaling pathways that play a role in cell differentiation, growth, migration and survival. The encoded receptor is important in development of the nervous system, and the development of organs and tissues derived from the neural crest. This proto-oncogene can undergo oncogenic activation through both cytogenetic rearrangement and activating point mutations. Mutations in this gene are associated with Hirschsprung disease and central hypoventilation syndrome and have been identified in patients with renal agenesis.

Recommended Dilutions

WB	1:500 - 1:2000

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
5979

Swiss Prot
P07949

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
PTC; MTC1; HSCR1; MEN2A; MEN2B; CDHF12; CDHR16; RET-ELE1; Phospho-Ret-Y905

Contact

Product Information

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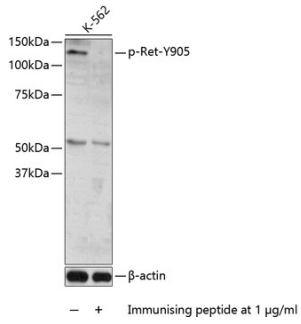
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of lysates from K562 cells, using Phospho-Ret-Y905 Rabbit pAb (AP0600).
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% BSA.

For research use only. Not for therapeutic or diagnostic purposes.

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