

## Phospho-Ret (Tyr1062) Ab

[References\(3\)](#) [Images\(5\)](#)

Cat.#: AF3120  
Size:

Concn.: ~1mg/ml  
Source: Rabbit

Mol.Wt.: 175kDa  
Clonality: Polyclonal

Application:

WB 1:500-1:2000, IF/ICC 1:100-1:500

\*The optimal dilutions should be determined by the end user.

Reactivity:

Human,Mouse,Rat

Storage:

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification:

The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.

Immunogen:

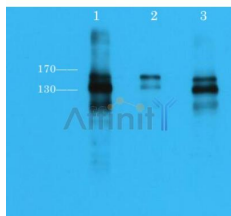
A synthesized peptide derived from human Ret around the phosphorylation site of Tyr1062.

Uniprot:

P07949

Description:

This gene, a member of the cadherin superfamily, encodes one of the receptor tyrosine kinases, which are cell-surface molecules that transduce signals for cell growth and differentiation. This gene plays a crucial role in neural crest development, and it can undergo oncogenic activation in vivo and in vitro by cytogenetic rearrangement.

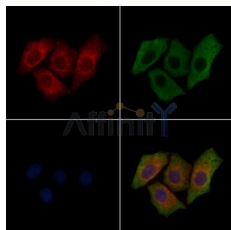


Western blot analysis of extracts from ret transfected 293 cells lysates, using Phospho-Ret (Tyr1062) Ab.

Lane1: Phosphotyrosine mAb at 1:2000;

Lane2: Ret (Phospho-Tyr905) Ab(AF8055) at 1:2000;

Lane3: Phospho-Ret (Tyr1062) Ab(AF3120) at 1:2000.



AF3120 staining HepG2 cells(30min of 4uM Forskolin treatment) by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AF3120) and mouse anti-beta tubulin Ab(T0023) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab. The nuclear counter stain is DAPI(blue).

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab

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in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking,  
overnight.

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