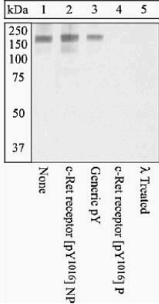


# Phospho-RET (Tyr1016) Polyclonal Antibody

| Product Details    |  |
|--------------------|--|
| Size               | 100 µL   |
| Species Reactivity | Human, Mouse   |
| Published Species  | Human  |
| Host/Isotype       | Rabbit / IgG   |
| Class              | Polyclonal   |
| Type               | Antibody   |
| Conjugate          | Unconjugated   |
| Immunogen          | The antiserum was produced against a chemically synthesized phosphopeptide derived from the region of mouse c-Ret that contains tyrosine 1016. |
| Form               | Liquid   |
| Purification       | Antigen affinity chromatography  |
| Storage buffer     | Dulbecco's PBS, pH 7.3, with 1mg/mL BSA  |
| Contains           | 0.05% sodium azide   |
| Storage conditions | -20°C  |
| RRID               | AB_2533620   |

| Applications             | Tested Dilution | Publications  |
|--------------------------|-----------------|---------------|
| Western Blot (WB)        | 1:1,000         | 1 Publication |
| Immunoprecipitation (IP) | Assay-dependent | -             |

## Product Images For Phospho-RET (Tyr1016) Polyclonal Antibody



**Peptide Competition and Mutant Analysis**  
Lysates prepared from Neuro-2A cells stimulated with GDNF (1-5) were resolved by SDS-PAGE on a 10% polyacrylamide gel and transferred to PVDF. Membranes were either left untreated (1-4) or treated with lambda (λ) phosphatase (5), blocked with a 3% BSA-TBST buffer overnight at 40C and incubated with c-Ret [pY1016] antibody for two hours at room temperature in a 3% BSA-TBST buffer, following prior incubation with: no peptide (1&5), the non-phosphopeptide corresponding to the immunogen (2), a generic phosphotyrosine containing peptide (3), or, the phosphopeptide immunogen (4). After washing, membranes were incubated with goat F(ab')2 anti-rabbit IgG alkaline phosphatase (cat # AL14405) and signals were detected using Pierce SuperSignal™ detection reagent.

**Phospho-RET (Tyr1016) Antibody (44-277G) in WB**  
Western blot analysis of Phospho-RET (Tyr1016) using a polyclonal antibody (Product # 44-277G).

Western Blot (1)

|  |                  |
|--|------------------|
| Acta pharmacologica Sinica   | Year<br>2012     |
| The important roles of RET, VEGFR2 and the RAF/MEK/ERK pathway in cancer treatment with sorafenib. | Species<br>Human |
| Authors: Mao WF,Shao MH,Gao PT,Ma J,Li HJ,Li GL,Han BH,Yuan CG                                     |                  |

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