

Product datasheet for **TA381789**

Smoothened (SMO) Rabbit Polyclonal Antibody

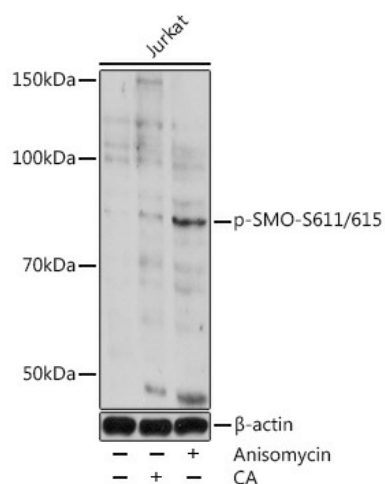
Product data:

| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | WB,1:500 - 1:1000 |
| Reactivity: | Human |
| Modifications: | Phospho S611/615 |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | A synthetic phosphorylated peptide around S611/615 of human SMO. |
| Formulation: | Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| Concentration: | lot specific |
| Purification: | Affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles. |
| Stability: | Shelf life: one year from despatch. |
| Predicted Protein Size: | 86kDa |
| Gene Name: | smoothened, frizzled class receptor |
| Database Link: | Entrez Gene 6608 Human Q99835 |
| Background: | The protein encoded by this gene is a G protein-coupled receptor that interacts with the patched protein, a receptor for hedgehog proteins. The encoded protein transduces signals to other proteins after activation by a hedgehog protein/patched protein complex. |
| Synonyms: | Gx; SMOH; smoothened |



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Product images:



Western blot analysis of extracts of Jurkat cells, using Phospho-SMO-S611/615 antibody (TA381789) at 1:1000 dilution. Jurkat cells were treated by Calyculin A (100 nM) at 37°C for 30 minutes. Jurkat cells were treated by Anisomycin (25 ug/mL) at 37°C for 20 minutes. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% BSA. | Detection: ECL Basic Kit. | Exposure time: 60s.