

Phospho-SIK1 (Thr182) Polyclonal Antibody

| Product Details | |
|--------------------|---------------------------------------------------------------|
| Size | 100 µL |
| Species Reactivity | Human, Rat |
| Published Species | Mouse |
| Host/Isotype | Rabbit / IgG |
| Class | Polyclonal |
| Type | Antibody |
| Conjugate | Unconjugated |
| Immunogen | A synthesized peptide derived from human SIK (Phospho-Thr182) |
| Form | Liquid |
| Concentration | 1 mg/mL |
| Purification | Affinity chromatography |
| Storage buffer | PBS, pH 7.4, with 50% glycerol |
| Contains | 0.02% sodium azide |
| Storage conditions | -20°C |
| RRID | AB_2663013 |

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

Product Specific Information

Phospho-SIK1 (Thr182) Polyclonal Antibody detects endogenous levels of SIK1 only when phosphorylated at Thr182.

1 Reference

Western Blot (1)

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Molecular metabolism | Year 2020 |
| Activation of SIK1 by phanginin A inhibits hepatic gluconeogenesis by increasing PDE4 activity and suppressing the cAMP signaling pathway. | Species Mouse |
| "PA5-64610 was used in Western Blotting to study the potential value of phanginin A as a lead compound for treating type 2 diabetes." | |
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