[Primary Antibody]

phospho-AKT (Ser473) Rabbit pAb



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| – DATASHEET ––––––––––––––––––––––––––––––––––– | | |
|--|---------------------|---|
| Host: Rabbit Isot | t ype: IgG | Applications: WB (1:500-2000) |
| Clonality: Polyclonal | | IHC-P (1:100-500) |
| • | VISS: P31749 | IHC-F (1:100-500) IF (1:100-500) |
| Target: phospho-AKT (Ser473) | | Flow-Cyt (2ug/Test) |
| Immunogen: KLH conjugated Synthesised phosphopeptide derived from human | | ICC/IF (1:100) |
| AKT around the phosphorylation site of Ser473: QF(p-S)YS. | | Reactivity: Human, Mouse, Rat |
| Purification: affinity purified by Protein A | | |
| Concentration: 1mg/ml | | |
| | | Predicted MW.: 56 kDa Subcellular Cell membrane , Cytoplasm Location: , Nucleus |

- VALIDATION IMAGES -------



Hela (H) cells were treated with or without

Calyculin A (100nM) for 30 min, 25 µg total protein per lane of cell lysates (see on figure) probed with Phospho-Akt1 (Ser473) polyclonal antibody, unconjugated (bs-0876R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

- SELECTED CITATIONS -

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- [IF=8.469] Que, Tianshi. et al. HMGA1 stimulates MYH9-dependent ubiquitination of GSK-3β via PI3K/Akt/c-Jun signaling to promote malignant progression and chemoresistance in gliomas. Cell Death Dis. 2021 Dec;12(12):1-12 WB ;Human. 34887392
- [IF=8.2] Xiaobin Wen. et al. The PI3K/Akt-Nrf2 Signaling Pathway and Mitophagy Synergistically Mediate Hydroxytyrosol to Alleviate Intestinal Oxidative Damage. INT J BIOL SCI. 2024; 20(11): 4258–4276 WB ; Pig. 39247828
- [IF=6.551] Wei J et al. Endosulfan induces cardiotoxicity through apoptosis via unbalance of pro-survival and mitochondrial-mediated apoptotic pathways. Sci Total Environ . 2020 Jul 20;727:138790. WB ;human. 32344260
- [IF=6.74] Li et al. The dual PI3K/mTOR inhibitor NVP-BEZ235 inhibits proliferation and induces apoptosis of burkitt lymphoma cells. (2015) Cancer.Cell.Int. 15:65 WB ;Human. 26130968