

bs-10656R**[Primary Antibody]****BioSS**
ANTIBODIES

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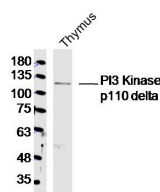
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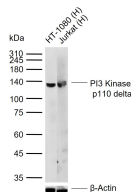
400-901-9800

PI3 Kinase p110 delta Rabbit pAb**DATASHEET**

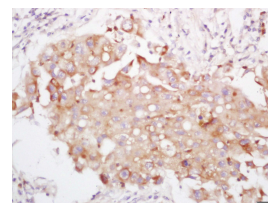
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)
Clonality: Polyclonal		
GeneID: 5293	SWISS: O00329	
Target: PI3 Kinase p110 delta		
Immunogen: KLH conjugated synthetic peptide derived from human PI3 Kinase p110 delta: 51-150/1044.		Reactivity: Human, Mouse (predicted: Rat)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 115 kDa
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Subcellular Location: Cytoplasm
Background: PI3-Kinases (PI3-Ks) are a family of lipid kinases that are implicated in signal transduction. PI3-K consists of two subunits; p85 and p110. The p85 subunit localize PI3-K activity to the plasma membrane while the p110 subunit contains the catalytic domain of PI3-K. Four isoforms of p110 has been found; the alpha, beta, gamma, and the delta subunit. The delta isoform is predominantly expressed in leukocytes and has been shown to interact with p85 and GTP-bound Ras via its SH2/SH3 domain.		

VALIDATION IMAGES

Sample: Thymus (Mouse) Lysate at 40 ug
 Primary: Anti-PI3 Kinase p110 delta (bs-10656R)
 at 1/300 dilution Secondary: IRDye800CW Goat
 Anti-Rabbit IgG at 1/20000 dilution Predicted
 band size: 115 kD Observed band size: 115 kD



Sample: Lane 1: Human HT-1080 cell lysates
 Lane 2: Human Jurkat cell lysates Primary: Anti-
 PI3 Kinase p110 delta (bs-10656R) at 1/1000
 dilution Secondary: IRDye800CW Goat Anti-
 Rabbit IgG at 1/20000 dilution Predicted band
 size: 115 kDa Observed band size: 120 kDa



Tissue/cell: human lung carcinoma; 4%
 Paraformaldehyde-fixed and paraffin-
 embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block
 endogenous peroxidase by 3% Hydrogen
 peroxide for 30min; Blocking buffer (normal goat
 serum, C-0005) at 37°C for 20 min; Incubation:
 Anti-PI3 Kinase p110 delta Polyclonal Antibody,
 Unconjugated(bs-10656R) 1:200, overnight at
 4°C, followed by conjugation to the secondary
 antibody(SP-0023) and DAB(C-0010) staining

SELECTED CITATIONS

- **[IF=6.656]** Fangbo Zhang. et al. Huashibaidu Formula Attenuates Sepsis-Induced Acute Lung Injury via Suppressing Cytokine Storm: Implications for Treatment of COVID-19. PHYTOMEDICINE. 2022 Nov;;154549 WB ;Mouse. 10.1016/j.phymed.2022.154549
- **[IF=5.561]** Minrui Wu. et al. The Effect and Mechanism of Corilagin from Euryale Ferox Salisb Shell on LPS-Induced Inflammation in Raw264.7 Cells. FOODS. 2023 Jan;12(5):979 WB ;Mouse. 36900496