

bs-3250R**[Primary Antibody]****phospho-LKB1 (Thr189) Rabbit pAb****BioSS**
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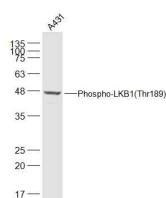
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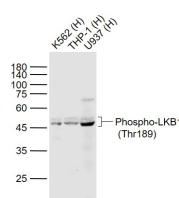
400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 6794 Target: LKB1 (Thr189) Immunogen: KLH conjugated synthesised phosphopeptide derived from human LKB1 around the phosphorylation site of Thr189: G(p-T)LK. Purification: affinity purified by Protein A Concentration: 1mg/ml 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. Background: This gene, which encodes a member of the serine/threonine kinase family, regulates cell polarity and functions as a tumor suppressor. Mutations in this gene have been associated with Peutz-Jeghers syndrome, an autosomal dominant disorder characterized by the growth of polyps in the gastrointestinal tract, pigmented macules on the skin and mouth, and other neoplasms. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized. [provided by RefSeq, Jul 2008].	Isotype: IgG SWISS: Q15831	Applications: WB (1:500-2000) Reactivity: Human (predicted: Mouse, Rat, Pig, Cow) Predicted MW.: 48 kDa Subcellular Location: Cell membrane ,Cytoplasm ,Nucleus
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— VALIDATION IMAGES —

Sample: A431(Human) Cell Lysate at 30 ug
Primary: Anti-Phospho-LKB1(Thr189) (bs-3250R)
at 1/500 dilution Secondary: IRDye800CW Goat
Anti-Rabbit IgG at 1/20000 dilution Predicted
band size: 48 kD Observed band size: 48 kD



Sample: Lane 1: K562 (Human) Cell Lysate at 30 ug
Lane 2: THP-1 (Human) Cell Lysate at 30 ug
Lane 3: U937 (Human) Cell Lysate at 30 ug
Primary: Anti-Phospho-LKB1 (Thr189) (bs-3250R)
at 1/1000 dilution Secondary: IRDye800CW Goat
Anti-Rabbit IgG at 1/20000 dilution Predicted
band size: 50/48 kD Observed band size: 48/46 kD

— SELECTED CITATIONS —

- **[IF=3.723]** Xiang Li. et al. The novel ginsenoside AD2 prevents angiotensin II-induced connexin 40 and connexin 43 dysregulation by activating AMP kinase signaling in perfused beating rat atria. Chem-Biol Interact. 2021 Mar;;109430 WB ;Rat. 33676887
- **[IF=3.352]** Zuodong Chen. et al. Oxidative stress induced by hydrogen peroxide promotes glycolysis by activating CaMKK/LKB1/AMPK pathway in broiler breast muscle. Poultry Sci. 2021 Dec;;101681 WB ;Chicken. 35063808
- **[IF=3.338]** Xu Jiawen. et al. Dietary creatine nitrate enhances muscle creatine loading and delays postmortem glycolysis of broilers that experienced preslaughter transport. J ANIM SCI. 2022 Aug;; WB ;Chicken. 36002298

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.