bs-4762R **[Primary Antibody]**

CK15 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 3866 **SWISS:** P19012

Target: CK15

Immunogen: KLH conjugated synthetic peptide derived from human CK15: 351-456/456.

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: The protein encoded by this gene is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Most of the type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains and are clustered in a region on chromosome 17q21.2. [provided by RefSeq].

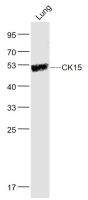
Applications: **WB** (1:500-2000)

Reactivity: Mouse (predicted: Human, Rat, Rabbit, Pig, Sheep, Cow, Dog, Horse)

Predicted MW.: 49 kDa

Subcellular Location: Extracellular matrix ,Cytoplasm ,Nucleus

VALIDATION IMAGES



Sample: Lung (Mouse) Lysate at 40 ug Primary: Anti- CK15 (bs-4762R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 49 kD Observed band size: 49 kD

SELECTED CITATIONS

- **[IF=2.792]** Yan, Wei. et al. Neural, adipocyte and hepatic differentiation potential of primary and secondary hair follicle stem cells isolated from Arbas Cashmere goats. BMC VET RES. 2022 Dec;18(1):1-18 IF,WB ;Goat. 35971123
- **[IF=1.92]** Li et al. miR-339-5p negatively regulates loureirin A-induced hair follicle stem cell differentiation by targeting DLX5. (2018) Mol.Med.Rep. 18:1279-1286 ICC ;Rat. 29901112
- **[IF=2.2]** Liang Wenzi. et al. Autografted hair follicles with dermal papilla removed promote wound repair and regeneration in Bama mini-pigs. J MOL HISTOL. 2025 Jun;56(3):1-12 IF ;Pig. 40338340
- **[IF=1.329]** Ziwei Luo. et al. miR‐203a‐3p promotes loureirin A‐induced hair follicle stem cells differentiation by targeting Smad1. Anat Rec. 2021 Mar;304(3):531-540 IF ;Rat. 32589363