

bs-2413R**[Primary Antibody]****PAX7 Rabbit pAb****Bioss**
ANTIBODIES

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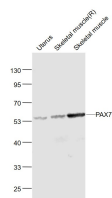
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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 5081 Target: PAX7 Immunogen: KLH conjugated synthetic peptide derived from human PAX7: 401-500/520. 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: PAX7 is a member of the paired box (PAX) family of transcription factors. Members of this gene family typically contain a paired box domain, an octapeptide, and a paired-type homeodomain. These genes play critical roles during fetal development and cancer growth. The specific function of PAX7 is unknown but it is speculated to be involved in tumor suppression since fusion of this gene with a forkhead domain family member has been associated with alveolar rhabdomyosarcoma. Alternative splicing in this gene has produced two known products but the biological significance of the variants is unknown.	Isotype: IgG SWISS: P23759	Applications: WB (1:500-2000) Reactivity: Mouse, Rat (predicted: Human, Rabbit, Pig, Sheep, Cow, Chicken, Horse) Predicted MW.: 55 kDa Subcellular Location: Nucleus
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— VALIDATION IMAGES —

Sample: Uterus(Mouse) Lysate at 40 ug
Skeletal muscle(Rat) Lysate at 40 ug
Skeletal muscle(Mouse) Lysate at 40 ug
Primary: Anti-PAX7 (bs-2413R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 56 kD
Observed band size: 56 kD

— SELECTED CITATIONS —

- **[IF=5.77]** Hung-Liang Pai. et al. Klotho null mutation involvement in adenosine A2B receptor-related skeletal muscle degeneration. AM J PATHOL. 2023 Apr;; IF ;Mouse. 37028594
- **[IF=6.208]** Yue Liu. et al. Genome-Wide Analysis of Circular RNAs Reveals circCHRNA2 Regulates Sheep Myoblast Proliferation via miR-133/SRF and MEF2A Axis. INT J MOL SCI. 2022 Jan;23(24):16065 WB ;Sheep. 36555706
- **[IF=5.23]** Zhao, Qian, et al. "Expression profiling and functional characterization of miR-192 throughout sheep skeletal muscle development." Scientific Reports6 (2016): 30281. ICC ;="Sheep, Mouse". 27452271
- **[IF=4.963]** Frudinger A et al.Skeletal muscle-derived cell implantation for the treatment of sphincter-related faecal incontinence.(2018) Stem Cell Res Ther. Sep 13;9(1):233. FCM ;Human. 30213273

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

- **[IF=5.209]** Xianglun Zhang. et al. Protective effect of resveratrol against hydrogen peroxide-induced oxidative stress in bovine skeletal muscle cells. Meat Sci. 2022 Mar;185:108724 IF ;Cattle. 34952489