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## CK7 Rabbit pAb

Catalog Number: bs-1610R

Target Protein: CK7

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), Flow-Cyt (0.2µg/Test)

Reactivity: Human, Mouse, Rat

Predicted MW: 54 kDa

Entrez Gene: 3855

Swiss Prot: P08729

Source: KLH conjugated synthetic peptide derived from the middle of human CK7: 251-350/469.

Purification: affinity purified by Protein A

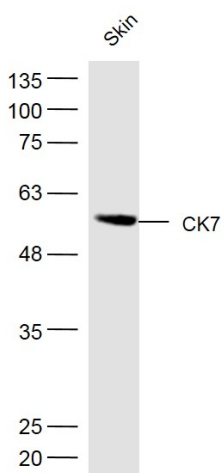
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

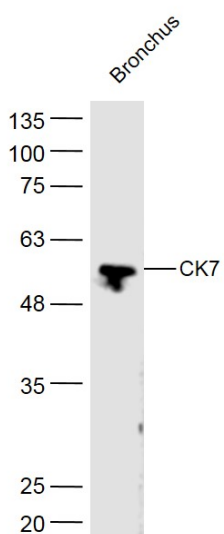
**Background:** The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the simple epithelia lining the cavities of the internal organs and in the gland ducts and blood vessels. The genes encoding the type II cytokeratins are clustered in a region of chromosome 12q12-q13. Alternative splicing may result in several transcript variants; however, not all variants have been fully described.  
[provided by RefSeq, Jul 2008]

### VALIDATION IMAGES

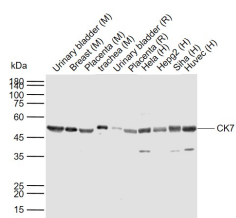
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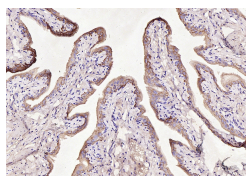
Sample: Skin (Mouse) Lysate at 40 ug Primary: Anti-CK7 (bs-1610R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 54 kD Observed band size: 54 kD



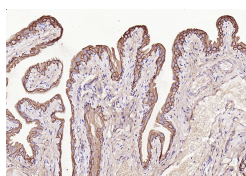
Sample: Bronchus (Mouse) Lysate at 40 ug Primary: Anti-CK7 (bs-1610R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 54 kD Observed band size: 54 kD



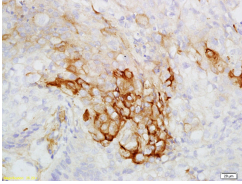
Sample: Lane 1: Mouse Urinary bladder tissue lysates Lane 2: Mouse Breast tissue lysates Lane 3: Mouse Placenta tissue lysates Lane 4: Mouse trachea tissue lysates Lane 5: Rat Urinary bladder tissue lysates Lane 6: Rat Placenta tissue lysates Lane 7: Human Hela cell lysates Lane 8: Human Hepg2 cell lysates Lane 9: Human Siha cell lysates Lane 10: Human Huvec cell lysates Primary: Anti- CK7 (bs-1610R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 54 kDa Observed band size: 54 kDa



Paraformaldehyde-fixed, paraffin embedded (Rat bladder); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CK7) Polyclonal Antibody, Unconjugated (bs-1610R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat bladder); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CK7) Polyclonal Antibody, Unconjugated (bs-1610R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Tissue/cell: Human esophageal 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-CK7 Polyclonal Antibody, Unconjugated(bs-1610R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

## PRODUCT SPECIFIC PUBLICATIONS

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[IF=4.8] Sun Liyuan. et al. Exosomal miR-21-5p derived from endometrial stromal cells promotes angiogenesis by targeting TIMP3 in ovarian endometrial cysts. J MOL MED. 2024 Sep;:1-16 IF ; Human . 39227403

[IF=4.26] Hu et al. Phosphoinositide 3-Kinase (PI3K) Subunit p110δ Is Essential for Trophoblast Cell Differentiation and Placental Development in Mouse. (2016) Sci.Re. 6:28201 IHC ; Mouse . 27306493

[IF=3.32] Hu, Bin, et al. "IFN - γ Inhibits Osteopontin Expression in Human Decidual Stromal Cells and can be Attenuated by 1α, 25 - Dihydroxyvitamin D3." American Journal of Reproductive Immunology 68.4 (2012): 353-361. ICC ; ="Human" . 22784028

[IF=3.208] Matsubara et al. Immune activation during the implantation phase causes preeclampsia-like symptoms via the CD40-CD40 ligand pathway in pregnant mice. (2016) Hypertens.Re. 39:407-14 IHC ; Mouse . 26763855

[IF=2.7] Zhou Bosen. et al. Transformation zone at the vallate papillae: a significant source of papillomavirus infection at the base of the tongue?. J CANCER RES CLIN. 2024 Nov;150(11):1-11 IHC ; Human . 39527322