

bs-3646R**[Primary Antibody]**

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

CK3 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) ELISA (1:5000-10000)
Clonality: Polyclonal		
GeneID: 3850	SWISS: P12035	
Target: CK3		
Immunogen: KLH conjugated synthetic peptide derived from human CK3: 221-320/628.		
Purification: affinity purified by Protein A		Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Pig, Cow, Dog, Horse)
Concentration: 1mg/ml		Predicted MW.: 65 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: Extracellular matrix, Cytoplasm
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 corneal epithelium with family member KRT12 and mutations in these genes have been associated with Meesmann's Corneal Dystrophy. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. [provided by RefSeq, Jul 2008]		

— SELECTED CITATIONS —

- **[IF=14.593]** Binbin He. et al. 3D printed biomimetic epithelium/stroma bilayer hydrogel implant for corneal regeneration. Bioact Mater. 2022 Jan;; IF ;Rabbit. 10.1016/j.bioactmat.2022.01.034
- **[IF=3.457]** Wu Y et al. Tetramethylpyrazine (TMP) ameliorates corneal neovascularization via regulating cell infiltration into cornea after alkali burn. (2019)Biomedicine & Pharmacotherapy, 109, 1041–1051. IF ;Mouse. 30551354
- **[IF=3]** Ting Chen. et al. Investigation roles of Adamts1 and Adamts5 in scleral fibroblasts under hypoxia and mice with form-deprived myopia. EXP EYE RES. 2024 Oct;247:110026 IF ;Mouse. 39122105
- **[IF=1.291]** Duan CY et al. Limbal niche cells can reduce the angiogenic potential of cultivated oral mucosal epithelial cells. Cell Mol Biol Lett. 2019 Apr 4;24:3. ICC ;Rat. 30988673