

BP5097**Polyclonal Antibody to Cytokeratin 72 - Serum**

Alternate names:	CK72, Cytokeratin-72, K6IRS2, K72, KB35, KRT6IRS2, KRT72, Keratin type II cytoskeletal 72, Keratin-72, Type II inner root sheath-specific keratin-K6irs2, Type-II keratin-35
Quantity:	0.1 ml
Uniprot ID:	Q14CN4
NCBI:	NP_001139697.1
GeneID:	140807
Host:	Guinea Pig
Immunogen:	Synthetic peptide of human keratin K72 (formerly also designated K6irs2; SYKTAAADVTKT GSC), coupled to KLH.
Format:	State: Liquid Stabilized antiserum Preservatives: 0.09% Sodium Azide
Applications:	Immunoblotting: 1/2,000 (ECL method). Immunohistochemistry on Frozen Sections: 1/100-1/200. <i>Incubation Time:</i> 1h at RT. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	The antiserum stains specifically the cuticle layer of the inner root sheath (irs) of the hair follicle. Although there is a considerable sequence homology of keratin K72 polypeptide to keratins K5 and K6, no crossreactivity was observed with Western blotting and Immunofluorescence microscopy. Species: Human, Mouse. Other species not tested.
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE! Shelf life: one year from despatch.
General Readings:	1. Langbein L, Rogers MA, Praetzel S, Winter H, Schweizer J. K6irs1, K6irs2, K6irs3, and K6irs4 represent the inner-root-sheath-specific type II epithelial keratins of the human hair follicle. J Invest Dermatol. 2003 Apr;120(4):512-22. PubMed PMID: 12648212. 2. Langbein L, Spring H, Rogers MA, Praetzel S, Schweizer J. Hair keratins and hair follicle-specific epithelial keratins. Methods Cell Biol. 2004;78:413-51. PubMed PMID: 15646627.