

BP5069**Polyclonal Antibody to pan Cytokeratin - Serum**

Alternate names:	Cytokeratin pan-reactive, pan Keratin
Quantity:	0.1 ml
Background:	Cytokeratins are a subfamily of intermediate filaments and characterized by remarkable biochemical diversity. Cytokeratins are represented in epithelial tissues by at least 20 different polypeptides, molecular weight between 40 kDa and 68 kDa. The individual cytokeratin polypeptides are designated 1 to 20 and divided into the type I (acidic cytokeratins 9-20) and type II (basic to neutral cytokeratins 1-8) families.
Host:	Guinea Pig
Immunogen:	Synthetic peptides of Human Keratins.
Format:	State: Liquid Stabilized Antiserum (mixture of monospecific antisera) Preservatives: 0.09% Sodium Azide Stabilizers: 0.5% BSA
Applications:	Immunoblotting (Western blot): 1/2,000. Cytological Material. Immunohistochemistry on Frozen Sections: 1/100. Immunohistochemistry on Paraffin Embedded Sections: 1/50. <i>Incubation Time:</i> 1 h at RT, extended with Paraffin. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Acidic (K1, K4 and K8) and basic (K14) Keratins (Mr 40,000-Mr 68,000 polypeptides). Reacts with all types of epithelia and epithelium-derived neoplasms.
Species Reactivity:	Tested: Human and Mouse.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Product Citations:	Purchased from Acris: 1. Olivares, O;Mayers, JR;Gouirand, V;Torrence, ME;Gicquel, T;Borge, L;Lac, S;Roques, J;Lavaut, MN;Berthezène, P;Rubis, M;Secq, V;Garcia, S;Moutardier, V;Lombardo, D;Iovanna, JL;Tomasini, R;Guillaumond, F;Vander Heiden, MG;Vasseur, S. Collagen-derived proline promotes pancreatic ductal adenocarcinoma cell survival under nutrient limited conditions. Nat Commun 2017, 16031, 8. PubMed PMID: 28685754.
General Readings:	1. Boehnke K, Mirancea N, Pavesio A, Fusenig NE, Boukamp P, Stark HJ. Effects of fibroblasts and microenvironment on epidermal regeneration and tissue function in long-term skin equivalents. Eur J Cell Biol. 2007 Dec;86(11-12):731-46. Epub 2007 Feb 9. PubMed PMID: 17292509.