



KRT7 Polyclonal Antibody

E90063

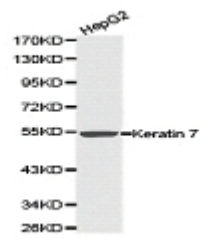
- Catalog Number:** E90063
- Amount:** 100ul
- Background:** Keratins (cytokeratins) are intermediate filament proteins that are mainly expressed in epithelial cells. Keratin heterodimers composed of an acidic keratin (or type I keratin, keratins 9 to 23) and a basic keratin (or type II keratin, keratins 1 to 8) assemble to form filaments (1,2). Keratin isoforms demonstrate tissue- and differentiation-specific profiles that make them useful as biomarkers (1). Mutations in keratin genes are associated with skin disorders, liver and pancreatic diseases, and inflammatory intestinal diseases (3-6). Keratin 7 and Keratin 19 are present in hepatic and pancreatic progenitor/stem cells (7,8).
- Species:** Rabbit
- Isotype:** IgG
- Storage/Stability:** Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
- Synonyms:** KRT7;CK7;K2C7;K7;MGC129731;MGC3625;SCL ;Cytokeratin 7
- Immunogen:** Fusion protein of human KRT7
- Purification:** Affinity purification
- Reactivity:** H M R
- Applications:** WB IHC IF
- Molecular Weight:** 51kDa
- Swiss-Prot No. :** P08729
- Gene ID:** 3855
- References:** 1. Moll, R. et al. (1982) Cell 31, 11-24. 2. Chang, L. and Goldman, R.D. (2004) Nat Rev Mol Cell Biol 5, 601-13. 3. Ramaekers, F.C. and Bosman, F.T. (2004) J Pathol 204, 351-4. 4. Lane, E.B. and McLean, W.H. (2004) J Pathol 204, 355-66. 5. Zatloukal, K. et al. (2004) J Pathol 204, 367-76. 6. Owens, D.W. and Lane, E.B. (2004) J Pathol 204, 377-85. 7. Iyer, A. et al. (2008) Hum. Pathol. 39, 1370-1377. 8. Meier, K. et al. (2009) Ann Anat 191, 70-82.

For Research Use Only

WB 1:500 - 1:1000

IHC 1:50 - 1:100

IF 1:20 - 1:50



Western blot analysis of HepG2 cell lines, using KRT7 antibody.