

**AP07154PU-N****Polyclonal Antibody to Cytokeratin 19 (21-40) - Purified**

<b>Alternate names:</b>	CK19, Cytokeratin-19, K19, KRT19, Keratin type I cytoskeletal 19, Keratin-19
<b>Quantity:</b>	50 µg
<b>Concentration:</b>	1 mg/ml
<b>Background:</b>	Cytokeratin 19 is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. Unlike its related family members, this smallest known acidic cytokeratin is not paired with a basic cytokeratin in epithelial cells. KRT19 is specifically expressed in the periderm, the transiently superficial layer that envelops the developing epidermis. The type I cytokeratins are clustered in a region of chromosome 17q12-q21.
<b>Uniprot ID:</b>	<a href="#">P08727</a>
<b>NCBI:</b>	<a href="#">NP_002267.2</a>
<b>GeneID:</b>	<a href="#">3880</a>
<b>Host:</b>	Rabbit
<b>Immunogen:</b>	Synthetic peptide comprised of amino acids 21-40 of Mouse Cytokeratin-19
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction <b>Purification:</b> Protein G Chromatography <b>Buffer System:</b> PBS <b>Preservatives:</b> 0.09% (w/v) Sodium Azide
<b>Applications:</b>	<b>ELISA:</b> 1/1000. <b>Immunohistochemistry on Paraffin Sections:</b> 5 µg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody detects Keratin, Type I Cytoskeletal 19 (KRT19) at aa 21-40.
<b>Species Reactivity:</b>	<b>Tested:</b> Mouse, Human, Monkey
<b>Storage:</b>	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.
<b>Product Citations:</b>	<b>Originator or purchased from resellers:</b> 1. Hemizygous Le-Cre transgenic mice have severe eye abnormalities on some genetic backgrounds in the absence of LoxP sites. Dor[Character e0] NJ, Collinson JM, Hill RE, West JD. PloS one. 9:e109193. [PubMed:25272013]

**Pictures:**

AP07154PU-N KRT19 antibody staining of Formalin-Fixed Paraffin-Embedded Human Placenta at 5 µg/ml followed by biotinylated goat anti-rabbit IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.

