


Anti-Cytokeratin 20 antibody ab53120

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概述

产品名称	Anti-Cytokeratin 20抗体
描述	兔多克隆抗体to Cytokeratin 20
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human 预测可用于: Rat 
免疫原	A synthetic peptide derived from human Cytokeratin 20.
阳性对照	HeLa cell extracts and human breast carcinoma tissue.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, PBS
纯度	Without Mg+2 and Ca+2 Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab53120于以下的经测试应用

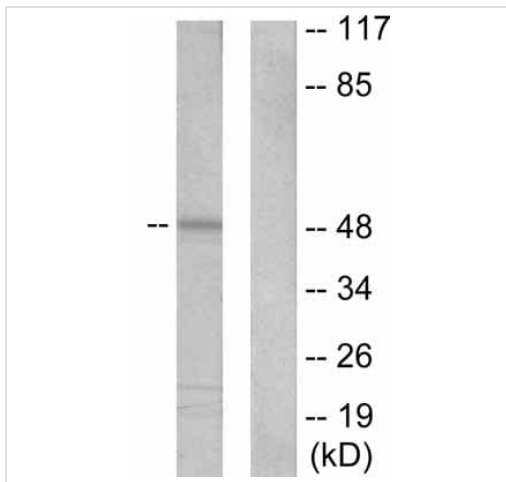
“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/300 - 1/1000. Detects a band of approximately 48 kDa (predicted molecular weight: 48 kDa).
IHC-P		Use at an assay dependent concentration.

靶标

功能	Plays a significant role in maintaining keratin filament organization in intestinal epithelia. When phosphorylated, plays a role in the secretion of mucin in the small intestine.
组织特异性	Expressed predominantly in the intestinal epithelium. Expressed in luminal cells of colonic mucosa. Also expressed in the Merkel cells of keratinized oral mucosa; specifically at the tips of some rete ridges of the gingival mucosa, in the basal layer of the palatal mucosa and in the taste buds of lingual mucosa.
序列相似性	Belongs to the intermediate filament family.
发展阶段	First detected at embryonic week 8 in individual 'converted' simple epithelial cells of the developing intestinal mucosa. In later fetal stages, synthesis extends over most goblet cells and a variable number of villus enterocytes. In the developing gastric and intestinal mucosa, expressed in all enterocytes and goblet cells as well as certain 'low-differentiated' columnar cells, whereas the neuroendocrine and Paneth cells are negative.
翻译后修饰	Hyperphosphorylation at Ser-13 occurs during the early stages of apoptosis but becomes less prominent during the later stages. Phosphorylation at Ser-13 also increases in response to stress brought on by cell injury. Proteolytically cleaved by caspases during apoptosis. Cleavage occurs at Asp-228.
细胞定位	Cytoplasm.

图片



Western blot - Anti-Cytokeratin 20 antibody (ab53120)

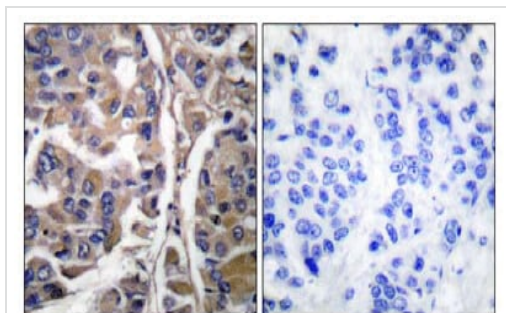
All lanes : Anti-Cytokeratin 20 antibody (ab53120) at 1/300 dilution

Lane 1 : HeLa cell extract

Lane 2 : HeLa cell extract with immunising peptide

Predicted band size: 48 kDa

Observed band size: 48 kDa



Peptide - +

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytokeratin 20 antibody (ab53120)

ab53120 at 1/50 dilution staining Cytokeratin 20 in human breast carcinoma by Immunohistochemistry, Paraffin embedded tissue, in the absence or presence of the immunising peptide.

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