

# BTN3A1 Rabbit pAb

货号: **AYP20137**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC IF/ICC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:100 <b>IF/ICC:</b> 1:50 - 1:100
理论分子量	39kDa/41kDa/52kDa/57kDa
实测分子量	56kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Jurkat,HepG2,HL-60,U-937
细胞定位	Cell membrane,Single-pass type I membrane protein
纯化	Affinity purification

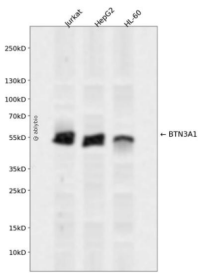
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 40-250 of human BTN3A1 (NP_008979.3).
序列	ILAMVGEDADLPCHLFPTMSAETMELKQVSSSLRQVVNVYADGKEVEDRQSAFYRGRGTSILRDGITAGKAALRIHNVTAS DSGKYLQYFDGDFYEKALVELKVAALGSDLHVDVKGKDGGIHLECRSTGWYPQPQIQWSNNKGENIPTVEAPVVDG VGLYAVAASVIMRGSSGEGVSCTIRSSLLGLEKTASISADPFFRSAQRWIA

## 靶点信息

研究背景	The butyrophilin (BTN) genes are a group of major histocompatibility complex (MHC)-associated genes that encode type I membrane proteins with 2 extracellular immunoglobulin (Ig) domains and an intracellular B30.2 (PRYSPRY) domain. Three subfamilies of human BTN genes are located in the MHC class I region: the single-copy BTN1A1 gene (MIM 601610) and the BTN2 (e.g., BTN2A1; MIM 613590) and BTN3 (e.g., BTN3A1) genes, which have undergone tandem duplication, resulting in 3 copies of each (summary by Smith et al., 2010 [PubMed 20208008]).[supplied by OMIM, Nov 2010]
基因ID	11119
基因名	BTN3A1
Swiss	O00481
别名	BTN3A1;BT3.1;BTF5;BTN3.1;CD277

## 产品验证



Western blot analysis of BTN3A1 expressed in Jurkat, HepG2, HL-60 using BTN3A1 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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