

1C04 Rabbit Polyclonal Antibody

Catalog# UZ-PA00036

Product information

产品货号	UZ-PA00036
别名	HLAC
产品名称	1C04 Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	HLA-C
推荐应用	WB
反应种属	Human,Rat,Mouse
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N .
Human Swissprot No.	P30504
免疫原	Synthesized peptide derived from human 1C04 AA range: 110-160
稀释度	WB 1:500-2000
参考分子量	40kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	HLA-C belongs to the HLA class I heavy chain paralogues. This class I molecule is a heterodimer consisting of a heavy chain and a light chain (beta-2 microglobulin). The heavy chain is anchored in the membrane. Class I molecules play a central role in the immune system by presenting peptides derived from endoplasmic reticulum lumen. They are expressed in nearly all cells. The heavy chain is approximately 45 kDa and its gene contains 8 exons. Exon one encodes the leader peptide, exons 2 and 3 encode the alpha1 and alpha2 domain, which both bind the peptide, exon 4 encodes the alpha3 domain, exon 5 encodes the transmembrane region, and exons 6 and 7 encode the cytoplasmic tail. Polymorphisms within exon 2 and exon 3 are responsible for the peptide binding specificity of each class one molecule. Typing for these polymorphisms is routinely done for bone marrow and kidney transplantation. Over one hundred HLA-C alleles have been described [provided by RefSeq, Jul 2008],
细胞定位	ane,extracellular region,endoplasmic reticulum,atus,plasma membrane,integral component of plasma membrane,cell surface,ER to port vesicle membrane,membrane,integral component of membrane,phaicle membrane,early endosome membrane,MHC class I protein complex,MHC class II protein complex,extracellular exosome,integral component of lumenal side of endoplasmic reticulum membrane,
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal