

## TCIRG1 Rabbit pAb

CatalogNo: YN6275

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human

#### Applications

- WB

#### MW

- 91kD (Calculated)

#### Isotype

- IgG

### Recommended Dilution Ratios

WB 1:500-2000

### Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human TCIRG1

**Specificity** This antibody detects endogenous levels of TCIRG1 at Human

### Target Information

**Gene name** TCIRG1 ATP6N1C ATP6V0A3

<b>Protein Name</b>	V-type proton ATPase 116 kDa subunit a isoform 3 (V-ATPase 116 kDa isoform a3) (Osteoclastic proton pump 116 kDa subunit) (OC-116 kDa) (OC116) (T-cell immune regulator 1) (T-cell immune response cDNA7 protein) (TIRC7) (Vacuolar proton translocating ATPase 116 kDa subunit a isoform 3)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">10312</a> ;	<a href="#">Q13488</a> ;
<b>Cellular Localization</b>	Membrane ; Multi-pass membrane protein .		
<b>Tissue specificity</b>	Isoform long is highly expressed in osteoclastomas. Isoform short is highly expressed in thymus.		
<b>Function</b>	Subunit of the V0 complex of vacuolar(H <sup>+</sup> )-ATPase (V-ATPase), a multisubunit enzyme composed of a peripheral complex (V1) that hydrolyzes ATP and a membrane integral complex (V0) that translocates protons (By similarity). V-ATPase is responsible for acidifying and maintaining the pH of intracellular compartments and in some cell types, is targeted to the plasma membrane, where it is responsible for acidifying the extracellular environment (By similarity). Seems to be directly involved in T-cell activation .		

## Validation Data

## Contact information

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**TCIRG1 Rabbit pAb**

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