

## Product datasheet for **TA370207**

### **MINA53 (MINA) Rabbit Polyclonal Antibody**

#### **Product data:**

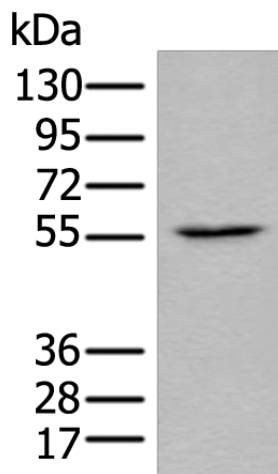
<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	IHC, WB
<b>Recommended Dilution:</b>	WB: 200-1000 WB positive control: Jurkat cell lysate IHC: 25-100 Positive control: Human tonsil Predicted cell location: Nucleus
<b>Reactivity:</b>	Human
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Fusion protein of human RIOX2
<b>Formulation:</b>	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Antigen affinity purification
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C.
<b>Stability:</b>	1 year
<b>Predicted Protein Size:</b>	53 kDa
<b>Gene Name:</b>	MYC induced nuclear antigen
<b>Database Link:</b>	<a href="#">Entrez Gene 84864 Human Q8IUF8</a>
<b>Background:</b>	Oxygenase that can act as both a histone lysine demethylase and a ribosomal histidine hydroxylase. Is involved in the demethylation of trimethylated 'Lys-9' on histone H3 (H3K9me3), leading to an increase in ribosomal RNA expression. Also catalyzes the hydroxylation of 60S ribosomal protein L27a on 'His-39'. May play an important role in cell growth and survival. May be involved in ribosome biogenesis, most likely during the assembly process of pre-ribosomal particles.



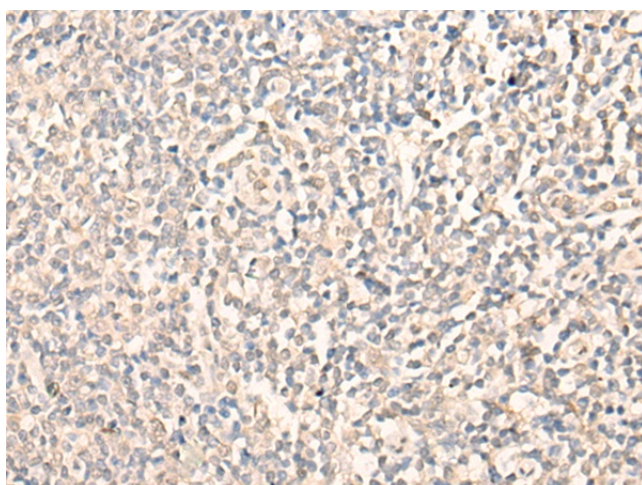
[View online »](#)

Synonyms: DKFZp762O1912; FLJ14393; MDIG; MINA53; NO52

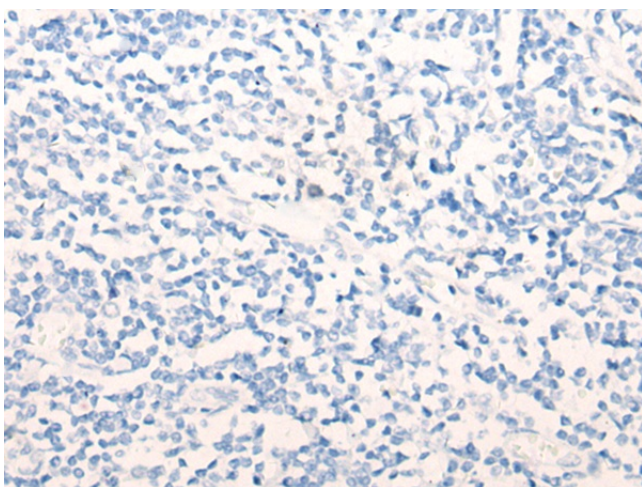
**Product images:**



Gel: 8%SDS-PAGE  
 Lysate: 40 µg  
 Lane: Jurkat cell lysate  
 Primary antibody: TA370207 (RIOX2 Antibody) at dilution 1/250  
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
 Exposure time: 45 seconds



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA370207 (RIOX2 Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA370207 (RIOX2 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: x200)