

## Product datasheet for **TA387582**

### **TARS1 Rabbit Polyclonal Antibody**

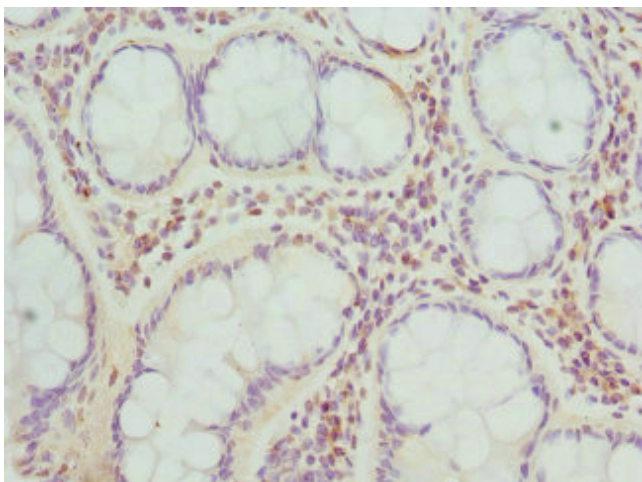
#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	IHC, IP, WB
<b>Recommended Dilution:</b>	Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200, IP:1:200-1:2000
<b>Reactivity:</b>	Human
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Recombinant Human Threonine--tRNA ligase, cytoplasmic protein (1-230AA)
<b>Formulation:</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Antigen Affinity Purified
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Stability:</b>	1 year from dispatch.
<b>Database Link:</b>	<a href="#">P26639</a>
<b>Background:</b>	actin cytoskeleton, cytoplasm, cytosol, extracellular exosome, protein homodimerization activity, RNA binding, threonine-tRNA ligase activity, threonyl-tRNA aminoacylation, translation, tRNA aminoacylation for protein translation

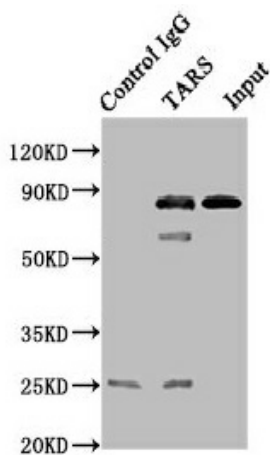


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## Product images:



Immunohistochemistry of paraffin-embedded human colon cancer using TA387582 at dilution of 1:100

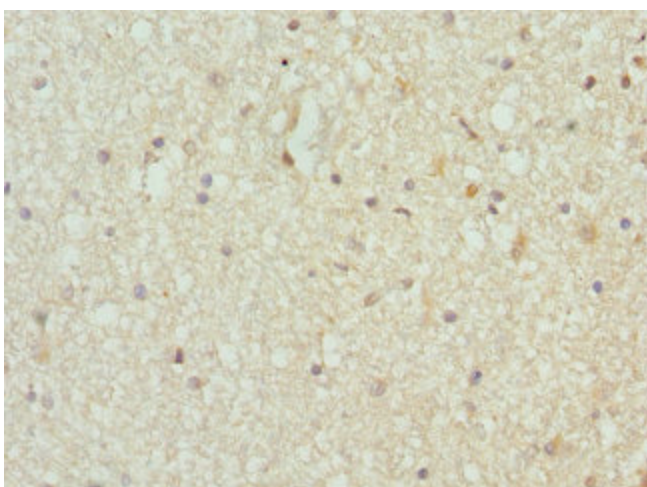


Immunoprecipitating TARS in A549 whole cell lysate

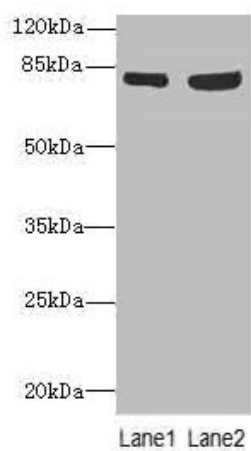
Lane 1: Rabbit control IgG instead of TA387582 in A549 whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000)

Lane 2: TA387582 (8 $\mu$ g) + A549 whole cell lysate (500 $\mu$ g)

Lane 3: A549 whole cell lysate (10 $\mu$ g)



Immunohistochemistry of paraffin-embedded human brain tissue using TA387582 at dilution of 1:100



Western blot  
All lanes: TARS antibody at 4.85 $\mu$ g/ml  
Lane 1: A549 whole cell lysate  
Lane 2: HeLa whole cell lysate  
Secondary  
Goat polyclonal to rabbit IgG at 1/10000 dilution  
Predicted band size: 84, 87 kDa  
Observed band size: 84 kDa