

## Rag B Polyclonal Antibody

<b>Catalog No :</b>	YT3991
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	IHC;IF;ELISA
<b>Target :</b>	Rag B
<b>Fields :</b>	>>Autophagy - animal;>>mTOR signaling pathway;>>Shigellosis
<b>Gene Name :</b>	RRAGB
<b>Protein Name :</b>	Ras-related GTP-binding protein B
<b>Human Gene Id :</b>	10325
<b>Human Swiss Prot No :</b>	Q5VZM2
<b>Mouse Gene Id :</b>	245670
<b>Mouse Swiss Prot No :</b>	Q6NTA4
<b>Rat Gene Id :</b>	1.0091e+008
<b>Rat Swiss Prot No :</b>	Q63487
<b>Immunogen :</b>	Synthesized peptide derived from Rag B . at AA range: 50-130
<b>Specificity :</b>	Rag B Polyclonal Antibody detects endogenous levels of Rag B protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	IHC 1:100 - 1:300. ELISA: 1:40000.. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-

---

chromatography using epitope-specific immunogen.

---

**Concentration :** 1 mg/ml

---

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

---

**Molecularweight :** 43kD

---

**Cell Pathway :** mTOR

---

**Background :** Ras-homologous GTPases constitute a large family of signal transducers that alternate between an activated, GTP-binding state and an inactivated, GDP-binding state. These proteins represent cellular switches that are operated by GTP-exchange factors and factors that stimulate their intrinsic GTPase activity. All GTPases of the Ras superfamily have in common the presence of six conserved motifs involved in GTP/GDP binding, three of which are phosphate-/magnesium-binding sites (PM1-PM3) and three of which are guanine nucleotide-binding sites (G1-G3). Transcript variants encoding distinct isoforms have been identified. [provided by RefSeq, Jul 2008],

---

**Function :** function:Involved in the RCC1/Ran-GTPase pathway. Has guanine nucleotide-binding activity but undetectable intrinsic GTPase activity.,similarity:Belongs to the GTR/RAG GTP-binding protein family.,subunit:The short isoform binds GTP (By similarity). Interacts with RRAGC and RRAGD.,

---

**Subcellular Location :** Cytoplasm . Lysosome .

---

**Expression :** Adipose tissue,Brain,Skin,

---

**Sort :** 13799

---

**No4 :** 1

---

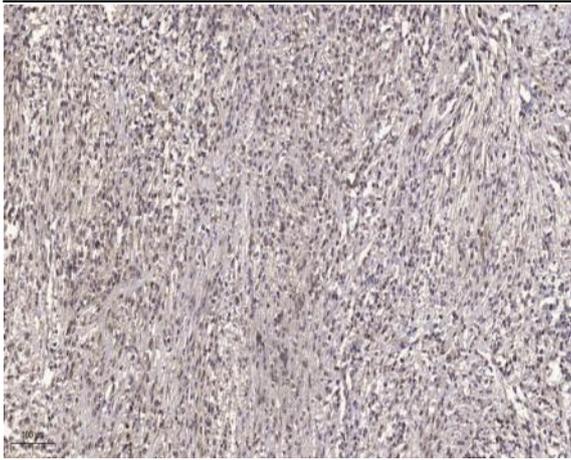
**Host :** Rabbit

---

**Modifications :** Unmodified

---

**Products Images**



Immunohistochemical analysis of paraffin-embedded human small intestinal carcinoma tissue. 1,primary Antibody was diluted at 1:200(4° overnight). 2, Sodium citrate pH 6.0 was used for antigen retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200