

## GTPBP2 Polyclonal Antibody

<b>Catalog No :</b>	YT2086
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	IHC;IF;ELISA
<b>Target :</b>	GTPBP2
<b>Gene Name :</b>	GTPBP2
<b>Protein Name :</b>	GTP-binding protein 2
<b>Human Gene Id :</b>	54676
<b>Human Swiss Prot No :</b>	Q9BX10
<b>Mouse Gene Id :</b>	56055
<b>Mouse Swiss Prot No :</b>	Q3UJK4
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human GTPBP2. AA range:31-80
<b>Specificity :</b>	GTPBP2 Polyclonal Antibody detects endogenous levels of GTPBP2 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.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

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**Molecularweight :** 66kD

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**Background :** GTP-binding proteins, or G proteins, constitute a superfamily capable of binding GTP or GDP. G proteins are activated by binding GTP and are inactivated by hydrolyzing GTP to GDP. This general mechanism enables G proteins to perform a wide range of biologic activities.[supplied by OMIM, Jan 2003],

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**Function :** induction:Up-regulated by IFN-gamma in human monocytic cell line THP-1.,similarity:Belongs to the GTPBP1 GTP-binding protein family.,tissue specificity:Predominantly expressed in thymus, spleen, and testis. Expressed at lower levels in brain, lung, kidney, and ovary.,

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**Subcellular Location :** intracellular,intracellular membrane-bounded organelle,

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**Expression :** Predominantly expressed in thymus, spleen, and testis. Expressed at lower levels in brain, lung, kidney, and ovary.

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**Sort :** 7194

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**No4 :** 1

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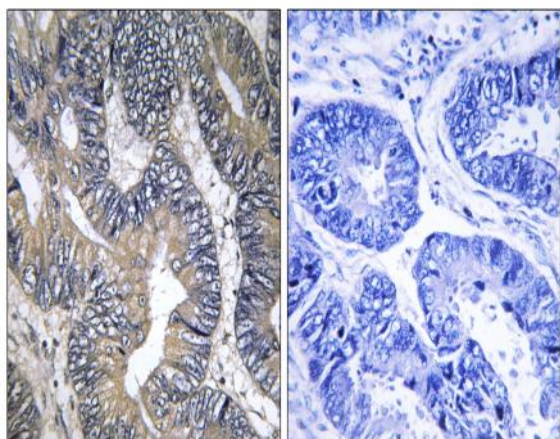
**Host :** Rabbit

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**Modifications :** Unmodified

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## Products Images



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using GTPBP2 Antibody. The picture on the right is blocked with the synthesized peptide.