

## TTYH2 rabbit pAb

<b>Catalog No :</b>	YT7051
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB
<b>Target :</b>	TTYH2
<b>Gene Name :</b>	TTYH2 C17orf29
<b>Protein Name :</b>	TTYH2
<b>Human Gene Id :</b>	94015
<b>Human Swiss Prot No :</b>	Q9BSA4
<b>Mouse Gene Id :</b>	117160
<b>Mouse Swiss Prot No :</b>	Q3TH73
<b>Immunogen :</b>	Synthesized peptide derived from human TTYH2 AA range: 319-369
<b>Specificity :</b>	This antibody detects endogenous levels of TTYH2 at Human/Mouse
<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>	WB 1:500-2000
<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)

**Molecularweight :** 59kD

**Background :** This gene encodes a member of the tweety family of proteins. Members of this family function as chloride anion channels. The encoded protein functions as a calcium(2+)-activated large conductance chloride(-) channel, and may play a role in kidney tumorigenesis. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008],

**Function :** function:Probable large-conductance Ca(2+)-activated chloride channel. May play a role in Ca(2+) signal transduction. May be involved in cell proliferation and cell aggregation.,similarity:Belongs to the tweety family.,tissue specificity:Expressed at higher level in brain and testis and at lower levels in heart, ovary, spleen and peripheral blood leukocytes. Up-regulated in 13 of 16 renal cell carcinoma samples examined. Up-regulated in colon carcinoma.,

**Subcellular Location :** Cell membrane ; Multi-pass membrane protein .

**Expression :** Expressed at higher level in brain and testis and at lower levels in heart, ovary, spleen and peripheral blood leukocytes. Up-regulated in 13 of 16 renal cell carcinoma samples examined. Up-regulated in colon carcinoma.

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