

**Calretinin (ABT91R) rabbit mAb**

<b>Catalog No :</b>	YM7027
<b>Reactivity :</b>	Human;
<b>Applications :</b>	IHC; ELISA
<b>Target :</b>	Calretinin
<b>Gene Name :</b>	CALB2
<b>Protein Name :</b>	Calretinin (CR) (29 kDa calbindin)
<b>Human Gene Id :</b>	794
<b>Human Swiss Prot No :</b>	P22676
<b>Immunogen :</b>	Synthesized peptide derived from human Calretinin AA range:200-271
<b>Specificity :</b>	This antibody detects endogenous levels of Calretinin
<b>Formulation :</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
<b>Source :</b>	Monoclonal, Rabbit IgG1, Kappa
<b>Dilution :</b>	IHC 1:100-500, ELISA 1:5000-20000
<b>Purification :</b>	Recombinant Expression and Affinity purified
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Background :</b>	<p>This gene encodes an intracellular calcium-binding protein belonging to the troponin C superfamily. Members of this protein family have six EF-hand domains which bind calcium. This protein plays a role in diverse cellular functions, including message targeting and intracellular calcium buffering. It also functions as a modulator of neuronal excitability, and is a diagnostic marker for some human diseases, including Hirschsprung disease and some cancers. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2010],</p>

**Function :** function:Calretinin is a calcium-binding protein which is abundant in auditory neurons.,online information:Calbindin entry,similarity:Belongs to the calbindin family.,similarity:Contains 6 EF-hand domains.,tissue specificity:Brain.,

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**Subcellular Location :** Cytoplasmic, Nuclear

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**Expression :** Brain.

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## Products Images