

Calretinin (ABT91R) rabbit mAb

Catalog No :	YM7027
Reactivity :	Human;
Applications :	IHC; ELISA
Target :	Calretinin
Gene Name :	CALB2
Protein Name :	Calretinin (CR) (29 kDa calbindin)
Human Gene Id :	794
Human Swiss Prot No :	P22676
Immunogen :	Synthesized peptide derived from human Calretinin AA range:200-271
Specificity :	This antibody detects endogenous levels of Calretinin
Formulation :	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source :	Monoclonal, Rabbit IgG1, Kappa
Dilution :	IHC 1:100-500, ELISA 1:5000-20000
Purification :	Recombinant Expression and Affinity purified
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Background :	<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.,

Subcellular Location : Cytoplasmic, Nuclear

Expression : Brain.

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