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Rabbit Anti-CHURC1 antibody

SL11820R

Product Name:	CHURC1
Chinese Name:	神经诱导胚胎发育相关蛋白Churchill抗体
Alias:	CHURC-1; C14orf52; CHCH; CHURC 1; Churchill domain containing 1; FLJ33064; My015; Protein Churchill; CHUR_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Dog,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	13kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CHURC1:11-112/112
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	CHURC1 is a 112 amino acid protein that plays a critical role in neural induction during embryogenesis. The fibroblast growth family of proteins (FGFs) has been identified as necessary factors in mesoderm formation and neural induction. CHURC1, a putative zinc finger protein, is a transcriptional activator that mediates FGF signaling. Furthermore, CHURC1 is thought to play a role in the regulation of cell movement. Although CHURC1 does not bind to DNA, it functions as a transcriptional regulator

	and a protein-interaction factor. Two isoforms of CHURC1 exist as a result of alternative splicing events. **Function:** CHURC 1 belongs to the Churchill family. It is a transcriptional activator that mediates FGF signaling during neural development. It plays a role in the regulation of cell movement, but does not bind DNA by itself. There are two named isoforms. **Similarity:** Belongs to the Churchill family. **SWISS:** Q8WUH1 **Gene ID:** 91612 **Database links:** Entrez Gene: 91612Human Entrez Gene: 211151Mouse Omim: 608577Human SwissProt: Q8WUH1Human SwissProt: Q6DG52Mouse **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.