

Product datasheet for **TA319174**

Caspase 5 (CASP5) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:10,000 - 1:50,000, WB: 1:500- 1:2,000
Reactivity:	Human, Mouse, Chimpanzee, Bovine, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to region near the amino terminal end of human Cas5 protein.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	caspase 5
Database Link:	NP_001129581 Entrez Gene 838 Human P51878
Synonyms:	ICE(rel)III; ICEREL-III; ICH-3
Note:	This antibody is suitable for Cancer, Immunology and Nuclear Signaling research. hCas5 (Castor) is the human homolog of a Drosophila gene that regulates neurogenesis. In human neuro-blastoma tumors where a loss of heterozygosity of CASZ1 is noted, hCas functions to suppress the tumorigenicity of cells. hCas5 is a developmentally regulated transcription factor found in neural and muscle cells. hCas5 is a Zn finger transcription factor that is predominantly found in the nucleus. This antibody is designed to facilitate the functional study of this protein and its role in developmental regulation and expression in human tumor tissues.

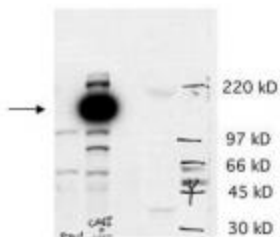


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Protein Families: Druggable Genome, Protease

Protein Pathways: NOD-like receptor signaling pathway

Product images:



WB using Anti-hCas5 antibody shows detection of a band ~125 kDa in size corresponding to hCas5 (arrowhead). Lane 1 contains a lysate from AS cells transfected with empty vector. Lane 2 contains lysate from AS cells transfected with hCas5 (predicted MW 125 kDa). Lane 3 contains lysate from BE2 cells that have been shown to contain a high level of hCas mRNA (as tested by Northern blot). Lane 4 contains lysate from human muscle tissue that also shows high levels of hCas mRNA.