

Immunotag™ PGCB Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN1990
Product Description	Immunotag™ PGCB Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PGCB
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Rat,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	PGCB Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	BCAN BEHAB CSPG7 UNQ2525/PRO6018
Accession No.	Q96GW7 Q61361 P55068
Description	brevican(BCAN) Homo sapiens This gene encodes a member of the lectican family of chondroitin sulfate proteoglycans that is specifically expressed in the central nervous system. This protein is developmentally regulated and may function in the formation of the brain extracellular matrix. This protein is highly expressed in gliomas and may promote the growth and cell motility of brain tumor cells. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2011],

Antibody Specification

Protein Expression	Amygdala,Brain,Brain cortex,
Subcellular Localization	extracellular region,proteinaceous extracellular matrix,Golgi lumen,anchored component of membrane,lysosomal lumen,
Protein Function	developmental stage:Isoform 1 is highly expressed from birth through 8 years of age and is down-regulated by 20 years of age to low levels that are maintained in the normal adult cortex. Isoform 2 is expressed at uniformly low levels throughout development.,function:May play a role in the terminally differentiating and the adult nervous system during postnatal development. Could stabilize interactions between hyaluronan (HA) and brain proteoglycans.,online information:Brevican,PTM:Contains mostly chondroitin sulfate.,PTM:Isoform 2 is predicted to have its GPI-anchor on 'Asn-649'. ,similarity:Belongs to the aggrecan/versican proteoglycan family.,similarity:Contains 1 C-type lectin domain.,similarity:Contains 1 EGF-like domain.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,similarity:Contains 1 Sushi (CCP/SCR) domain.,similarity:Contains 2 Link domains.,subunit:Interacts with TNR.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.