

PGBD1 Polyclonal Antibody

Catalog No :	YT3687
Reactivity :	Human
Applications :	WB;IHC;IF;ELISA
Target :	PGBD1
Gene Name :	PGBD1
Protein Name :	PiggyBac transposable element-derived protein 1
Human Gene Id :	84547
Human Swiss Prot No :	Q96JS3
Immunogen :	The antiserum was produced against synthesized peptide derived from human PGBD1. AA range:241-290
Specificity :	PGBD1 Polyclonal Antibody detects endogenous levels of PGBD1 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:20000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	92kD
Background :	The piggyBac family of proteins, found in diverse animals, are transposases related to the transposase of the canonical piggyBac transposon from the moth,

Trichoplusia ni. This family also includes genes in several genomes, including human, that appear to have been derived from the piggyBac transposons. This gene belongs to the subfamily of piggyBac transposable element derived (PGBD) genes. The PGBD proteins appear to be novel, with no obvious relationship to other transposases, or other known protein families. This gene product is specifically expressed in the brain, however, its exact function is not known. Alternative splicing results in multiple transcript variants encoding the same protein.[provided by RefSeq, May 2010],

Function :

similarity:Contains 1 SCAN box domain.,

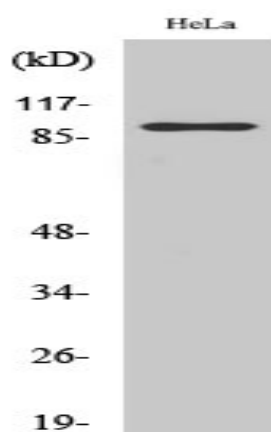
Subcellular Location :

nucleus,membrane,

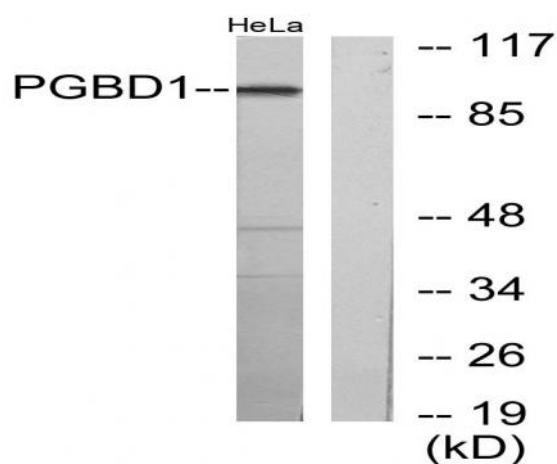
Expression :

Brain,Liver,

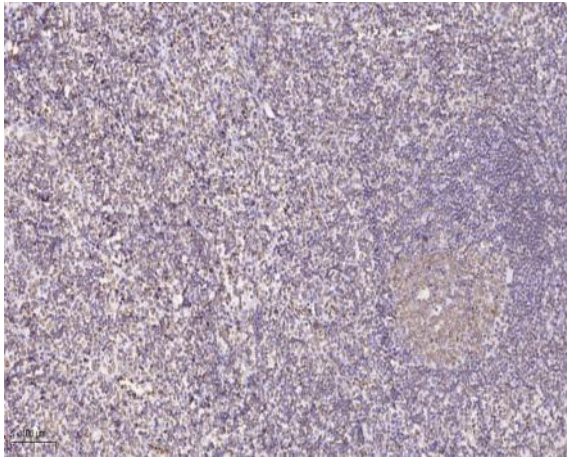
Products Images



Western Blot analysis of various cells using PGBD1 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



Western blot analysis of lysates from HeLa cells, using PGBD1 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Tris-EDTA, pH 9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200 (4° overnight). 3, Secondary antibody was diluted at 1:200 (room temperature, 45 min).