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PGBD1 Polyclonal Antibody

Catalog # AP71870

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q96JS3
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	92515

Additional Information

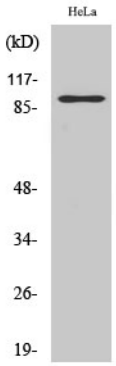
Gene ID	84547
Other Names	PGBD1; hucep-4; PiggyBac transposable element-derived protein 1; Cerebral protein 4
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

Name	PGBD1
Function	Transposase-derived from PiggyBac DNA transposons. Although it has been fully domesticated and lacks transposase activity, PGBD1 has acquired DNA-binding capability (PubMed:12955498, PubMed:35609796, PubMed:36205081). It preferentially binds in and around genes involved in neuronal development, leading to their transcriptional pausing. Notably, PGBD1 suppresses paraspeckle assembly in neuronal cells (PubMed:36205081).
Cellular Location	Nucleus.

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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.