

anti-Human PiggyBac transposable element-derived protein 5 Polyclonal Antibody | anti-PGBD5 antibody

PiggyBac transposable element-derived protein 5 Antibody

CATALOG # AAA111050	REACTIVITY Human	APPLICATIONS Immunocytochemistry, Western Blot
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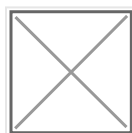
PRODUCT SYNONYMS

PiggyBac transposable element-derived protein 5; Polyclonal Antibody; PiggyBac transposable element-derived protein 5 Antibody; anti-PGBD5 antibody

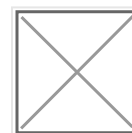
PRODUCT SPECIFICATIONS

Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	This antibody is produced by immunizing rabbits with a synthetic peptide (KLH-coupled) corresponding to the residues of PGBD5.
Purity/Purification	Affinity purified
Form/Format	1*TBS (pH7.4), 0.5%BSA, 25% Glycerol.
Sequence Length	524
Applicable Applications for anti-PGBD5 antibody	ICC (Immunocytochemistry), WB (Western Blot)
Preservative	0.05% Sodium Azide.
Cellular Localization	Cell Nuclear
Positive Control	D3, HepG2
Preparation and Storage	Store at +4 degree C after thawing. Aliquot store at -20 degree C or -80 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



ICC (Immunocytochemistry)
ICC on HepG2 using anti- PGBD5 polyclonal antibody.



WB (Western Blot)
Western blot analysis on D3 using anti- PGBD5 polyclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PGBD5 antibody	PiggyBac transposable element derived protein 5, also known as PGBD5, encodes a 554 amino acid transposase and is a member of the piggyBac transposable element derived (PGBD) gene family, which includes several genes that are derived from piggyBac transposons. This gene product is specifically expressed in the brain. The PiggyBac transposable element is a popular tool for germ-line transgenesis of eukaryotes.
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References

1. "The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC)."The MGC Project Team Genome Res. 14:2121-2127(2004). 2. "The DNA sequence and biological annotation of human chromosome 1."Gregory S.G., Barlow K.F., McLay K.E., Kaul R., Swarbreck D., Dunham A., Scott C.E., Howe K.L., Woodfine K., Spencer C.C.A., Jones M.C., Gillson C., Searle S., Zhou Y., Kokocinski F., McDonald L., Evans R., Phillips K., Atkinson A., Cooper R., Jones C., Hall R.E., Andrews T.D., Lloyd C., Ainscough R., Almeida J.P., Ambrose K.D., Anderson F., Andrew R.W., Ashwell R.I.S., Aubin K., Babbage A.K., Bagguley C.L., Bailey J., Beasley H., Bethel G., Bird C.P., Bray-Allen S., Brown J.Y., Brown A.J., Buckley D., Burton J., Bye J., Carder C., Chapman J.C., Clark S.Y., Clarke G., Clee C., Cobley V., Collier R.E., Corby N., Coville G.J., Davies J., Deadman R., Dunn M., Earthrowl M., Ellington A.G., Errington H., Frankish A., Frankland J., French L., Garner P., Garnett J., Gay L., Ghorl M.R.J., Gibson R., Gilby L.M., Gillett W., Glithero R.J., Grafham D.V., Griffiths C., Griffiths-Jones S., Grocock R., Hammond S., Harrison E.S.I., Hart E., Haugen E., Heath P.D., Holmes S., Holt K., Howden P.J., Hunt A.R., Hunt S.E., Hunter G., Isherwood J., James R., Johnson C., Johnson D., Joy A., Kay M., Kershaw J.K., Kibukawa M., Kimberley A.M., King A., Knights A.J., Lad H., Laird G., Lawlor S., Leongamornlert D.A., Lloyd D.M., Loveland J., Lovell J., Lush M.J., Lyne R., Martin S., Mashreghi-Mohammadi M., Matthews L., Matthews N.S.W., McLaren S., Milne S., Mistry S., Moore M.J.F., Nickerson T., O'Dell C.N., Oliver K., Palmeiri A., Palmer S.A., Parker A., Patel D., Pearce A.V., Peck A.I., Pelan S., Phelps K., Phillimore B.J., Plumb R., Rajan J., Raymond C., Rouse G., Saenphimmachak C., Sehra H.K., Sheridan E., Shownkeen R., Sims S., Skuce C.D., Smith M., Steward C., Subramanian S., Sycamore N., Tracey A., Tromans A., Van Helmond Z., Wall M., Wallis J.M., White S., Whitehead S.L., Wilkinson J.E., Willey D.L., Williams H., Wilming L., Wray P.W., Wu Z., Coulson A., Vaudin M., Sulston J.E., Durbin R.M., Hubbard T., Wooster R., Dunham I., Carter N.P., McVean G., Ross M.T., Harrow J., Olson M.V., Beck S., Rogers J., Bentley D.R.Nature 441:315-321(2006).

NCBI AND UNIPROT INFORMATION

NCBI GI #	385198065
NCBI GeneID	79605
NCBI Accession #	NP_001245240.1
NCBI GenBank Nucleotide #	NM_001258311.1
UniProt Accession #	Q8N414; Q5SR37; Q6PJN2; A0A0A0MS21; A0PJF3; B4DM72; B7Z9K3; B9EK58; U3REJ1
Molecular Weight	100kDa
NCBI Official Full Name	piggyBac transposable element-derived protein 5
NCBI Official Synonym Full Names	piggyBac transposable element derived 5
NCBI Official Symbol	PGBD5
NCBI Protein Information	piggyBac transposable element-derived protein 5
UniProt Protein Name	PiggyBac transposable element-derived protein 5
UniProt Gene Name	PGBD5

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