

Rabbit anti-Human DPPA2 Polyclonal Antibody | anti-DPPA2 antibody

DPPA2 Antibody (N-term)

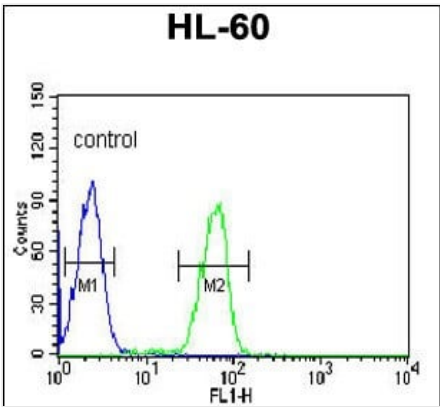
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA297747	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

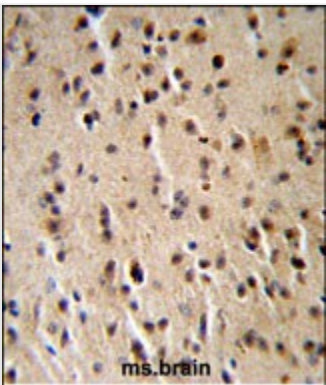
DPPA2; Polyclonal Antibody; DPPA2 Antibody (N-term); Developmental pluripotency-associated protein 2; Pluripotent embryonic stem cell-related gene 1 protein; PESCRG1; RB16559; anti-DPPA2 antibody

PRODUCT SPECIFICATIONS

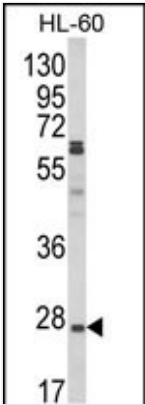
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This DPPA2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human DPPA2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Applicable Applications for anti-DPPA2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Antigen Source	Human
Antigen Type	Synthetic Peptide
Antigen Region	1-30
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
DPPA2 Antibody (N-term) (Cat. #AAA297747) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis. Dilution: FC 1:10~50



IHC (Immunohistochemistry)
DPPA2 Antibody (N-term) (Cat. #AAA297747) IHC analysis in formalin fixed and paraffin embedded mouse brain followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the DPPA2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated. Dilution: IHC-P 1:50~100



WB (Western Blot)
Western blot analysis of DPPA2 Antibody (N-term) (Cat. #AAA297747) in HL-60 cell line lysates (35ug/lane). DPPA2 (arrow) was detected using the purified Pab. Dilution: WB 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-DPPA2 antibody	DPPA2 may play a role in maintaining cell pluripotentiality.
Product Categories/Family for anti-DPPA2 antibody	Primary Antibodies; Developmental Biology; Signal Transduction
References	John,T., et.al., Clin. Cancer Res. 14 (11), 3291-3298 (2008)Monk,M., et.al., Mol. Hum. Reprod. 14 (6), 347-355 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	239835767
NCBI GeneID	151871
NCBI Accession #	NP_620170.3
NCBI GenBank Nucleotide #	NM_138815.3
UniProt Accession #	Q7Z7J5; Q8WVF0
Molecular Weight	33,784 Da
NCBI Official Full Name	developmental pluripotency-associated protein 2

NCBI Official Synonym Full Names	developmental pluripotency associated 2
NCBI Official Symbol	DPPA2
NCBI Official Synonym Symbols	CT100; PESCRG1; ECAT15-2
NCBI Protein Information	developmental pluripotency-associated protein 2; cancer/testis antigen 100; embryonic stem cell (ESC) associated transcript 15-2; pluripotent embryonic stem cell-related gene 1 protein
UniProt Protein Name	Developmental pluripotency-associated protein 2
UniProt Gene Name	DPPA2
UniProt Synonym Gene Names	PESCRG1
UniProt Entry Name	DPPA2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dppa2-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/297747>