

For Research Use Only

SETD5 Recombinant antibody

Catalog Number: 84622-1-RR



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
84622-1-RR	BC020956	Protein A purification
Concentration:	GeneID (NCBI):	CloneNo.:
1000 µg/ml	55209	241903A3
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	Q9C0A6	IHC 1:400-1:1600
Isotype:	Full Name:	IF/ICC 1:200-1:800
IgG	SET domain containing 5	
Immunogen Catalog Number:		
AG28929		

Applications

Tested Applications:	Positive Controls:
IHC, IF/ICC, ELISA	IHC : human placenta tissue,
Species Specificity:	IF/ICC : U2OS cells,
human	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

SETD5, also known as KIAA1757, is a member of the histone lysine methyltransferase family. It has 3 isoforms and is involved in a variety of cellular functions, including cell cycle regulation and cell proliferation, and has a potential role in early embryonic development (PMID: 36875494).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

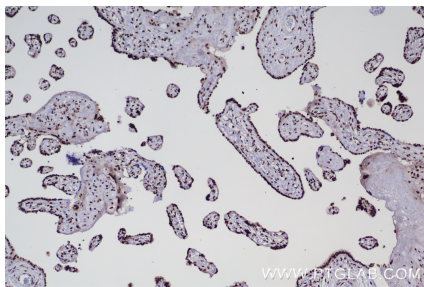
T: 4006900926

E: Proteintech-CN@ptglab.com

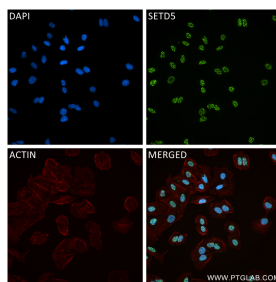
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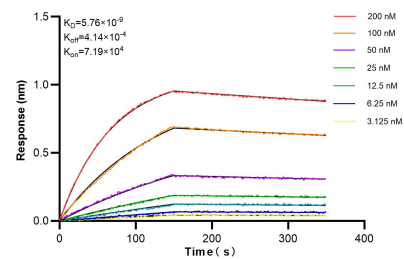
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 84622-1-RR (SETD5 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using SETD5 antibody (84622-1-RR, Clone: 241903A3) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Biolayer interferometry (BLI) kinetic assays of 84622-1-RR against Human SETD5 were performed. The affinity constant is 5.76 nM.