



Anti-AARSD1 (internal region) polyclonal antibody (DPAB-DC3329)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	AARSD1 (alanyl-tRNA synthetase domain containing 1) is a protein-coding gene. Diseases associated with AARSD1 include ovarian cancer. GO annotations related to this gene include alanine-tRNA ligase activity and molecular_function. An important paralog of this gene is PTGES3.
Specificity	This antibody is expected to recognize all reported isoforms (NP_001129514.2; NP_079543.1; NP_001136125.1; NP_001136126.1).
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human AARSD1. The sequence is C-IEFYAKVNSKDSQDK
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB (Cell lysate), ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Preservative	0.02% Sodium Azide

Storage

Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	AARSD1 alanyl-tRNA synthetase domain containing 1 [Homo sapiens (human)]
Official Symbol	AARSD1
Synonyms	AARSD1; alanyl-tRNA synthetase domain containing 1; alanyl-tRNA editing protein Aarsd1; alanyl-tRNA synthetase domain-containing protein 1;
Entrez Gene ID	80755
Protein Refseq	NP_001248363
UniProt ID	Q9BTE6
Chromosome Location	17q21.31
Function	ATP binding; Ser-tRNA(Ala) hydrolase activity; alanine-tRNA ligase activity; metal ion binding