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Product datasheet for TA322127S

ADO Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 200-1000 WB positive control: NIH/3T3 cells
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 161-174 amino acids of Human 2-aminoethanethiol dioxygenase
Formulation:	PBS pH7.3, 0.05% NaN3, 50% glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	30 kDa
Gene Name:	2-aminoethanethiol (cysteamine) dioxygenase
Database Link:	NP_116193 Entrez Gene 211488 MouseEntrez Gene 84890 Human Q96SZ5
Background:	Human thiol dioxygenases include cysteine dioxygenase (CDO; MIM 603943) and cysteamine (2-aminoethanethiol) dioxygenase (ADO; EC 1.13.11.19). CDO adds 2 oxygen atoms to free cysteine; whereas ADO adds 2 oxygen atoms to free cysteamine to form hypotaurine.
Synonyms:	C10orf22
Protein Pathways:	Metabolic pathways, Taurine and hypotaurine metabolism

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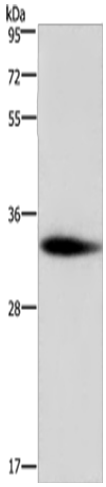
Product images:



Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane: NIH/3T3 cells
Primary antibody: [TA322127] (ADO Antibody) at dilution 1/300
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 5 minutes