

## Product datasheet for **TA322127**

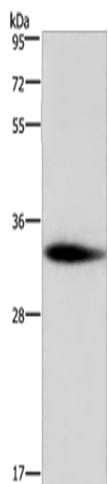
### ADO Rabbit Polyclonal Antibody

#### 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% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
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:	<a href="#">NP_116193</a> <a href="#">Entrez Gene 211488 Mouse</a> <a href="#">Entrez Gene 84890 Human</a> <a href="#">Q96SZ5</a>
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



[View online »](#)

**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