

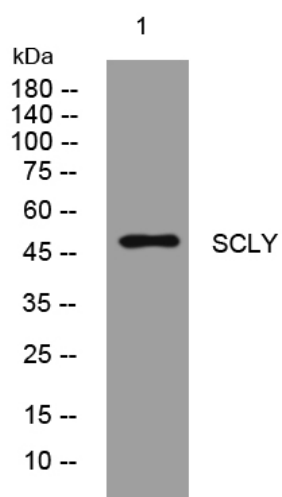


SCLY rabbit pAb

Catalog No	YP-Ab-09005
Isotype	IgG
Reactivity	Human; Mouse; Rat
Applications	WB
Gene Name	SCLY SCL
Immunogen	Synthesized peptide derived from human SCLY AA range: 367-417
Specificity	This antibody detects endogenous levels of SCLY at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit, IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	hSCL; SCL; SCLY; selenocysteine lyase; SCLY SCL
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Cytoplasm, cytosol .
Tissue Specificity	
Function	catalytic activity: L-selenocysteine + reduced acceptor = selenide + L-alanine + acceptor.; cofactor: Pyridoxal phosphate.; function: Catalyzes the decomposition of L-selenocysteine to L-alanine and elemental selenium.; induction: Up-regulated in acute glomerulonephritis. Regulated by AP-1.; similarity: Belongs to the class-V pyridoxal-phosphate-dependent aminotransferase family.; subunit: Homodimer.;
Background	Selenocysteine lyase (SCLY; EC 4.4.1.16) catalyzes the pyridoxal 5-prime phosphate-dependent conversion of L-selenocysteine to L-alanine and elemental selenium (Mihara et al., 2000 [PubMed 10692412]). [supplied by OMIM, Mar 2008],
matters needing attention	Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4° over night