



[Go to Product page](#)

Datasheet for ABIN363486

anti-SLC7A11 antibody (N-Term)

2 Images

Overview

Quantity:	0.1 mL
Target:	SLC7A11
Binding Specificity:	AA 1-50, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Synthetic peptide made to a region within the N-terminus of the human XCT protein sequence (between residues 1-50)
Specificity:	Reacts with human, rat and mouse xCT
Cross-Reactivity (Details):	Not tested in other species.
Purification:	Antigen affinity purified

Target Details

Target:	SLC7A11
Alternative Name:	Cystine/glutamate Transporter (SLC7A11 Products)
Background:	The amino acid transporter, cystine/glutamic acid transporter xCT, for system xc has been proposed to be responsible for the cystine transport through the plasma membrane. System xc

Target Details

mediates an amino acid exchange and prefers cystine and glutamate as its substrates.

Gene ID: 23657

Application Details

Application Notes: Working dilution: Optimal dilution should be determined by the end user.
The following are guidelines only:
WB1/1 000 FC2-3 µg/mL ICC/IF1:100-1:1000 IHC5 u/gml IPNegative

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.0 mg/mL

Buffer: Tris-glycine, 150 mM NaCl, Sodium azide 0.05 %

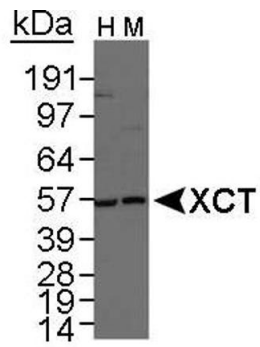
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

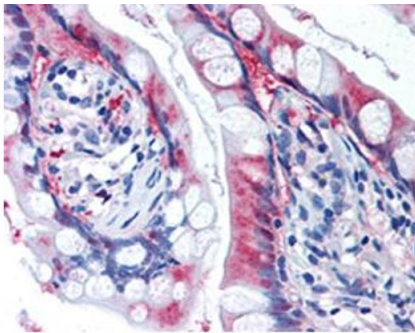
Storage: 4 °C/-20 °C

Storage Comment: Short term storage at +4°C. For extended periods store in aliquots at -20°C. Antibodies are guaranteed for 6 month from date of receipt.

Expiry Date: 6 months



Detection of XCT in total human and mouse stomach lysate, respectively, using pab50177
1 minute ECL exposure



XCT staining in the absorptive epithelia of intestinal villi detected using pab50177

Image 1.

Image 2.