



Anti-SLC7A11 (aa 215-229) polyclonal antibody (DPABH-02066)

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

PRODUCT INFORMATION

Antigen Description	Sodium-independent, high-affinity exchange of anionic amino acids with high specificity for anionic form of cystine and glutamate.
Immunogen	Synthetic peptide: KGQTQNFKDAFSGRD by a Cysteine residue linker, corresponding to internal sequence amino acids 215-229 of Human xCT.
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Protein G purified
Conjugate	Unconjugated
Applications	ELISA, WB, IHC-P
Format	Liquid
Size	50 µg
Buffer	pH: 7.30; Constituents: 99% Tris buffered saline, 0.5% BSA
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	SLC7A11 solute carrier family 7 (anionic amino acid transporter light chain, xc- system), member 12 [Homo sapiens]
Official Symbol	SLC7A11
Synonyms	SLC7A11; solute carrier family 7 (anionic amino acid transporter light chain, xc- system), member 11; xCT; CCBR1; cystine/glutamate transporter; amino acid transport system xc-; solute carrier family 7 member 11; calcium channel blocker resistance protein CCBR1; solute carrier family 7, (cationic amino acid transporter, y+ system) member 11;
Entrez Gene ID	23657
Protein Refseq	NP_055146.1
UniProt ID	Q9UPY5
Pathway	Amino acid transport across the plasma membrane; Cell surface interactions at the vascular wall; SLC-mediated transmembrane transport; Transport of inorganic cations/anions and amino acids/oligopeptides
Function	cystine:glutamate antiporter activity; protein binding;
