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Datasheet for ABIN7119253 anti-SLC22A2 antibody

Overview

Quantity:	100 µg
Target:	SLC22A2
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC22A2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	solute carrier family 22(organic cation transporter), member 2
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	SLC22A2
Alternative Name:	SLC22A2 (SLC22A2 Products)
Background:	Synonyms:OCT2 Background:Mediates tubular uptake of organic compounds from circulation. Mediates the influx of agmatine, dopamine, noradrenaline(norepinephrine), serotonin, choline, famotidine, ranitidine, histamin, creatinine, amantadine, memantine, acriflavine, 4-[4-(dimethylamino)-styryl]-N-methylpyridinium ASP, amiloride, metformin, N-1-

Target Details

methylnicotinamide(NMN), tetraethylammonium(TEA), 1-methyl-4-phenylpyridinium(MPP), cimetidine, cisplatin and oxaliplatin. Cisplatin may develop a nephrotoxic action. Transport of creatinine is inhibited by fluoroquinolones such as DX-619 and LVFX. This transporter is a major determinant of the anticancer activity of oxaliplatin and may contribute to antitumor specificity.

Molecular Weight: 60-70 kDa

Gene ID: 6582

UniProt: [O15244](#)

Application Details

Application Notes: WB: 1:500-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months