

产品名称: OCT3 Rabbit Polyclonal Antibody
产品货号: APRab15103



产品概述 (Summary)

产品名称 (Production Name)	OCT3 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	SLC22A3
别名 (Alternative Names)	SLC22A3; EMTH; OCT3; Solute carrier family 22 member 3; Extraneuronal monoamine transporter; EMT; Organic cation transporter 3
基因 ID (Gene ID)	6581.0
蛋白 ID (SwissProt ID)	O75751.The antiserum was produced against synthesized peptide derived from human SLC22A3. AA range:275-324

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	61kDa

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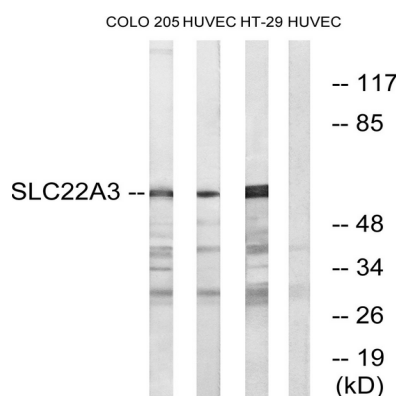
研究背景 (Background)

Polyspecific organic cation transporters in the liver, kidney, intestine, and other organs are critical for elimination of many endogenous small organic cations as well as a wide array of drugs and environmental toxins. This gene is one of three similar cation transporter genes located in a cluster on chromosome 6. The encoded protein contains twelve putative transmembrane domains and is a plasma integral membrane protein. [provided by RefSeq, Jul 2008],function:Mediates potential-dependent transport of a variety of organic cations. May play a significant role in the disposition of cationic neurotoxins and neurotransmitters in the brain.,similarity:Belongs to the major facilitator superfamily. Organic cation transporter family.,tissue specificity:Expressed in placenta, skeletal muscle, prostate, aorta, liver, fetal lung, salivary gland, adrenal gland, kidney and brain cortex. No expression detected in spleen.,

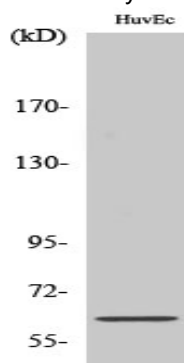
研究领域 (Research Area)

Plasma Membrane; Channels; Neuroscience; Neurotransmitter; Transporters; Other Transporters; Metabolism; Types of disease; Cancer; Signal Transduction

图片 (Image Data)



Western blot analysis of lysates from HUVEC, COLO, and HT-29 cells, using SLC22A3 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using OCT3 Polyclonal Antibody

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注意事项 (Note)

For research use only .