

SLC17A2 Polyclonal Antibody

Catalog No :	YT4314
Reactivity :	Human;Mouse
Applications :	WB;ELISA;IHC
Target :	SLC17A2
Gene Name :	SLC17A2
Protein Name :	Sodium-dependent phosphate transport protein 3
Human Gene Id :	10246
Human Swiss Prot No :	O00624
Mouse Gene Id :	218103
Mouse Swiss Prot No :	Q5SZA1
Immunogen :	The antiserum was produced against synthesized peptide derived from human SLC17A2. AA range:213-262
Specificity :	SLC17A2 Polyclonal Antibody detects endogenous levels of SLC17A2 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000;IHC 1:50-300; ELISA 2000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 47kD

Background : function:May be involved in actively transporting phosphate into cells via Na(+) cotransport.,similarity:Belongs to the major facilitator superfamily. Sodium/anion cotransporter family.,tissue specificity:Expressed in the small intestine, kidney, spleen and testis. Not detected in fetal brain, bone marrow, and mammary gland.,

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Subcellular Location : Membrane; Multi-pass membrane protein.

Expression : Expressed in the small intestine, kidney, spleen and testis. Not detected in fetal brain, bone marrow, and mammary gland.

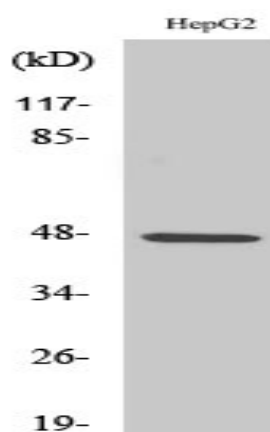
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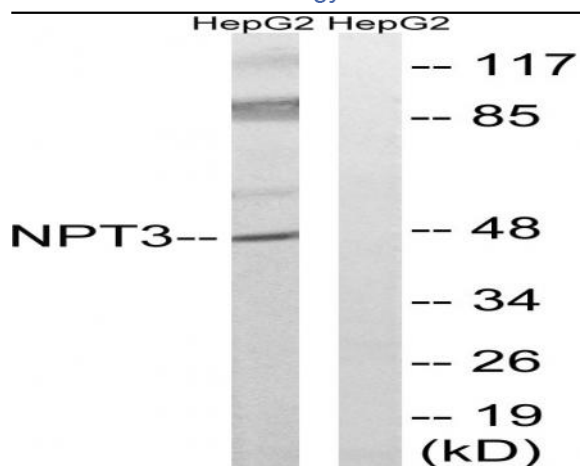
Host : Rabbit

Modifications : Unmodified

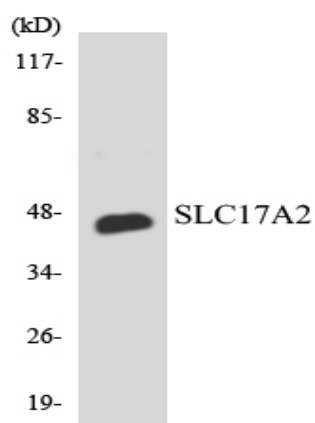
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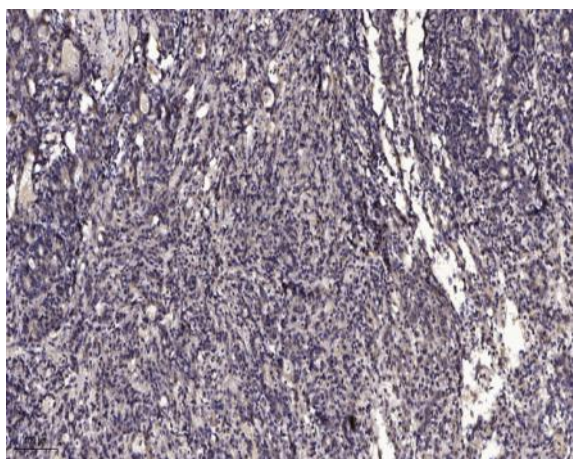
Western Blot analysis of various cells using SLC17A2 Polyclonal Antibody



Western blot analysis of lysates from HepG2 cells, using SLC17A2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from RAW264.7 cells using SLC17A2 antibody.



Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).