

Product Datasheet

OGT Rabbit Polyclonal Antibody (orb340807)

Catalog Number	orb340807
Category	Antibodies
Description	The OGT Antibody is suitable for IF, IHC, IP, WB. It is a Polyclonal, Unconjugated antibody which raised against Recombinant fusion protein of human OGT .Purification: The antibody was purified by immunogen affinity chromatography.
Target	OGT
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Form/Appearance	Liquid
Buffer/Preservatives	0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purification	The antibody was purified by immunogen affinity chromatography.
Immunogen	Recombinant fusion protein of human OGT
UniProt ID	Q8CGY8, O15294, P56558
Tested applications	IF, IHC, IP, WB
Dilution range	WB: 1:500-1:2000, IHC-P: 1:50-1:200, IF/ICC: 1:50-1:200, IP: 1:20-1:50
Specificity	Recognizes endogenous levels of OGT protein.

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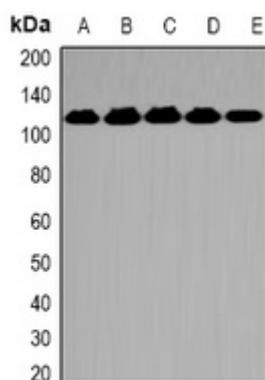
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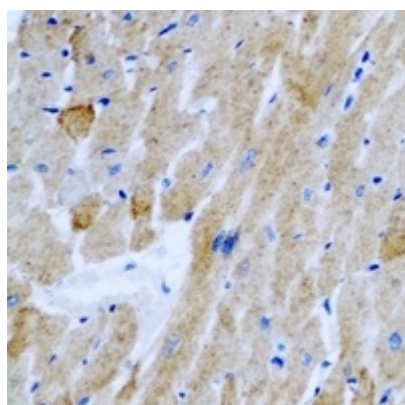
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Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Entrez	8473, 26295, 108155
Expiration Date	12 months from date of receipt.



Western blot analysis of OGT expression in K562 (A), A549 (B), HeLa (C), mouse spleen (D), mouse brain (E) whole cell lysates. (Predicted band size: 74; 103; 115; 116 kD; Observed band size: 117 kD)



Immunohistochemical analysis of OGT staining in rat heart formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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Immunofluorescent analysis of OGT staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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