

OGT Rabbit Polyclonal Antibody



CAB1990

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

117kDa

Calculated MW:

74kDa/103kDa/115kDa/116kDa

Applications:

WB IF

Reactivity:

Human, Mouse

Protein Background

This gene encodes a glycosyltransferase that catalyzes the addition of a single N-acetylglucosamine in O-glycosidic linkage to serine or threonine residues. Since both phosphorylation and glycosylation compete for similar serine or threonine residues, the two processes may compete for sites, or they may alter the substrate specificity of nearby sites by steric or electrostatic effects. The protein contains multiple tetratricopeptide repeats that are required for optimal recognition of substrates. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

Immunogen information

Gene ID:

8473

Uniprot

O15294

Synonyms:

OGT; HINCUT-1; HRNT1; O-GLCNAC; MRX106; OGT1

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

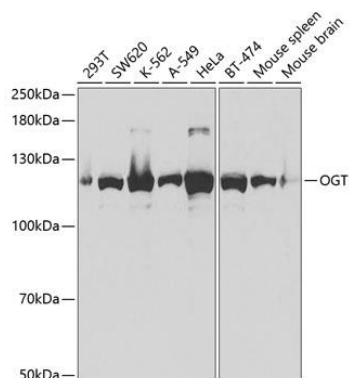
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 857-1036 of human OGT (NP_858059.1).

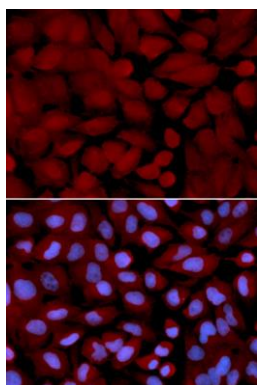
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of various cell lines, using OGT antibody (CAB1990) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 5s.



Immunofluorescence analysis of U2OS cells using OGT antibody (CAB1990). Blue: DAPI for nuclear staining.