

## Catalog #: 50793

### Aliases

Beta-1,4-galactosyltransferase 5; Beta-1,4-GalTase 5; Beta4Gal-T5; b4Gal-T5; Beta-1,4-GalT II; UDP-Gal:beta-GlcNAc beta-1,4-galactosyltransferase 5; UDP-galactose:beta-N-acetylglucosamine beta-1,4-galactosyltransferase 5

### Background

Gene Name: B4GALT5

NCBI Gene Entry: [9334](#)

UniProt Entry: [O43286](#)

### Application Information

Molecular Weight: Predicted, 45 kDa; observed, 45 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse, rat, monkey

Applications Tested: Western blotting (WB), immunocytochemistry (IC)

### Immunogen

A synthesized peptide derived from human B4GALT5

### Isotype

Rabbit IgG

### Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

### Storage

Store at -20 °C for one year.

### Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000

Immunocytochemistry (IC): 1:50-1:200

**Note:** This product is for research use only.

### Validation Data

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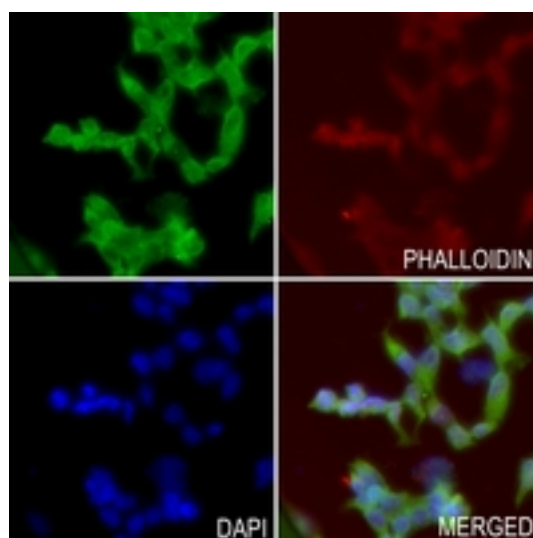
#### SUPPORT

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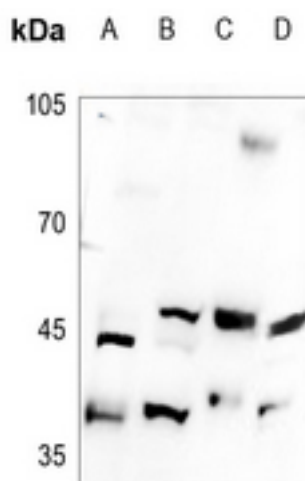
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Immunocytochemical analysis of B4GALT5 staining in HEK293T cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



Western blotting analysis of B4GALT5 expression in K562 (A), A549 (B), mouse heart (C), rat brain (D) whole cell lysates.