

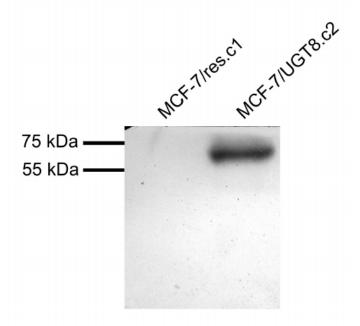


Telephone: (650) 697-3600



GOAT ANTI-UGT8 ANTIBODY

SKU: EB10535



SPECIFICATIONS

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Unit Size 100 μg

Storage

Instructions Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym / cerebroside synthase| ceramide UDP-galactosyltransferase| UDP-galactose-ceramide galactosyltransferase| **Alias** UDP-galactose ceramide galactosyltransferase| 2-hydroxyacylsphingosine 1-beta-galactosyltransferase| UGT4|

CGT| UDP glycosyltransferase 8|UGT8 **Names**

Accession

NP_003351.2

Blocking Peptide

EBP10535

Immunogen

Peptide with sequence C-NGKYKRNGHIK, from the internal region of the protein sequence according to

NP 003351.2.

Product Comments

Reported variants represent identical protein: NP_001121646.1, NP_003351.2.





Email: customerservice@vectorlabs.com

Telephone: (650) 697-3600

Peptide

C-NGKYKRNGHIK

Sequence

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method using the immunizing peptide.

Shipping

Instructions R

Refrigerated

Predicted Species

Human, Rat, Dog, Cow

Reactive Species

Human

Human

7368

Gene ID

Rat Gene ID 50555

Product Grade

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png

ELISA

Detection

Antibody detection limit dilution 1:64000.

Limit

In transfected MCF7 transiently expressing Human UGT8 a band of approx. 65kDa is observed. This band is not observed in the non-transfected MCF7. The calculated molecular size is 61.5kDa according to NP_003351.2. Recommended concentration, $1-3\mu g/ml$. Preliminary experiments gave an approx 50kDa band in Human Brain lysates and 48kDa in Rat Brain lysates after $1\mu g/ml$ antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 61.5kDa according to NP_003351.2. The observed band was successfully blocked by incubation with the immunizing peptide. We

Western Blot

would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Application

Туре

Pep-ELISA, WB-Trf

GALLERY IMAGES

