# **SLC16A2 Polyclonal Antibody**

Catalog Number: E-AB-65446



Note: Centrifuge before opening to ensure complete recovery of vial contents.

### **Description**

Reactivity Human, Mouse, Rat

**Immunogen** Recombinant fusion protein of human SLC16A2 (NP\_006508.2).

Host Rabbit
Isotype IgG

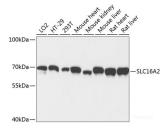
Purification Affinity purification
Conjugation Unconjugated

**Formulation** PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Applications Recommended Dilution** 

**WB** 1:500-1:2000

### Data



Western blot analysis of extracts of various cell lines using SLC16A2 Polyclonal Antibody at dilution of 1:3000.

Observed Mw:70kDa Calculated Mw:59kDa

# **Preparation & Storage**

Storage Store at -20°C. Avoid freeze / thaw cycles.

## **Background**

This gene encodes an integral membrane protein that functions as a transporter of thyroid hormone. The encoded protein facilitates the cellular importation of thyroxine (T4), triiodothyronine (T3), reverse triiodothyronine (rT3) and diidothyronine (T2). This gene is expressed in many tissues and likely plays an important role in the development of the central nervous system. Loss of function mutations in this gene are associated with psychomotor retardation in males while females exhibit no neurological defects and more moderate thyroid-deficient phenotypes. This gene is subject to X-chromosome inactivation. Mutations in this gene are the cause of Allan-Herndon-Dudley syndrome.

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