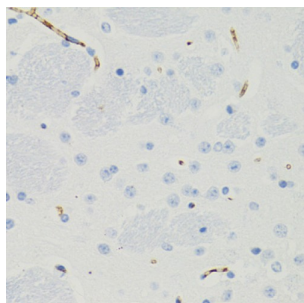


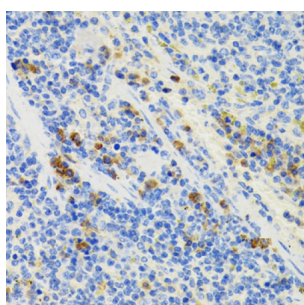
Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK  
Telephone: +44 (0) 1223 755950 - Fax: +44 (0) 1223 755951 - E-Mail: [info@abbexa.com](mailto:info@abbexa.com)

## Galactose-1-Phosphate Uridyltransferase (GALT) Antibody

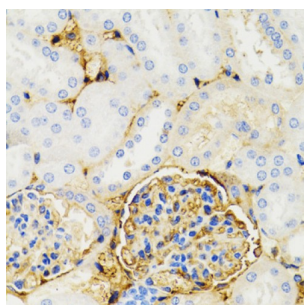
Catalogue No.: abx004808



Immunohistochemistry of paraffin-embedded mouse brain using GALT antibody (abx004808) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse spleen using GALT antibody (abx004808) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using GALT antibody (abx004808) at dilution of 1/100 (40x lens).

GALT Antibody is a Rabbit Polyclonal antibody against GALT. Galactose-1-phosphate uridyl transferase (GALT) catalyzes the second step of the Leloir pathway of galactose metabolism, namely the conversion of UDP-glucose + galactose-1-phosphate to glucose-1-phosphate + UDP-galactose. The absence of this enzyme results in classic galactosemia in humans and can be fatal in the newborn period if lactose is not removed from the diet. The pathophysiology of galactosemia has not been clearly defined. Two transcript variants encoding different isoforms have been found for this gene.

|                             |                   |
|-----------------------------|-------------------|
| <b>Target:</b>              | GALT              |
| <b>Reactivity:</b>          | Human, Mouse, Rat |
| <b>Host:</b>                | Rabbit            |
| <b>Clonality:</b>           | Polyclonal        |
| <b>Tested Applications:</b> | WB, IHC           |

Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK  
Telephone: +44 (0) 1223 755950 - Fax: +44 (0) 1223 755951 - E-Mail: [info@abbexa.com](mailto:info@abbexa.com)

**Recommended dilutions:** WB: 1/500 - 1/2000, IHC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

**Immunogen:** Recombinant protein of human GALT.

**Purification:** Affinity purified.

**Form:** Liquid

**Isotype:** IgG

**Conjugation:** Unconjugated

**Storage:** Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

**Molecular Weight:** Calculated MW: 31 kDa/43 kDa  
Observed MW: Refer to Figures

**Swiss Prot:** [P07902](#)

**GeneID:** [2592](#)

**Gene Symbol:** GALT

**Concentration:** > 1 mg/ml

**Buffer:** PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.

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