

## Product Datasheet

### BirA antibody (orb750518)

**Description**

BirA antibody

**Species/Host**

Rabbit

**Conjugation**

Unconjugated

**Tested**

ELISA, WB

**Applications**
**Immunogen**

Anti-Biotin Ligase Epitope Tag antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic avi-tag peptide GLNDIFEAQKIEWH (minimal BirA substrate; biotin is added to the sequence at the lysine).

**Preservatives**

0.01% (w/v) Sodium Azide

**Form/Appearance**

Liquid (sterile filtered)

**Concentration**

70 mg/ml

**Storage**

Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

**Note**

For research use only

**Application notes**

Anti-Biotin Ligase Epitope Tag Antibody has been tested in ELISA and Western Blot. Western blot analysis of B. subtilis strains producing either (BAP-tagged) SPolIIAH (XWB49) or (BAP-tagged) SpolIIQ (XWB46) showed strong and specific reactivity to the antisera. Minor background bands of unknown identity may be observed. The antisera will recognize the BAP/BLT tag irrespective of the whether the tag is biotinylated (data not shown).

**Isotype**

Antiserum

**Clonality**

Polyclonal

**Purity**

This antiserum detects the minimal peptide substrate (GLNDIFEAQKIEWH) for the E. coli biotin ligase tag (BLT of BirA). Western blot analysis of B. subtilis strains producing either (BAP-tagged) SPolIIAH (XWB49) or (BAP-tagged) SpolIIQ (XWB46) showed strong and specific reactivity to the antisera. Minor background

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**Expiration Date**

12 months from date of receipt.