

BirA (mutated/TurboID) - Biotin conjugated 40 µg

Cat PA00140

Size 40 µg

Host

Rabbit

Clonality

Polyclonal

Confirmed reactivity

BirA (mutated/TurboID)

Immunogen

Recombinant mutated BirA protein from E.coli produced using the following plasmid: TurboID-His6_pET21a, (Plasmid #107177). Expression is done in a vector that allowed for the generation of an untagged protein (without HIS6tag).

Host

Rabbit

Clonality

Polyclonal

Purity

Immunogen affinity purified serum in PBS pH 7.4, conjugated to biotin.

Format

Liquid

Storage

Store at 4°C for 12-18 months. A preservative may be added for long time storage up to 2 years.

Recommended dilution

1 : 5000 (WB)

Expected | apparent MW

Depends upon fusion partner

Confirmed reactivity

BirA (mutated/TurboID)

Not reactive in

No confirmed exceptions from predicted reactivity are currently known

Description

Labeling proteins with TurboID allows the study of protein interactions in different types of cells, organs, and stages of development. This is a suitable tool for the approach labeling experiments described by Maier et al. (2019). Proximity labeling of Arabidopsis protein complexes and cell type-specific organelles proteome is achieved using TurboID. Elife. September 19, 2019; 8:e47864. doi: 10.7554 / eLife.47864. The MW of this label is 35 kDa.

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