



BirA (mutated/TurboID) - DyLight® 488 conjugated (40 µg)

Qty: AS20 4440-DL488

AS20 4440-DL488 | Clonality: **Polyclonal** | Host: **Rabbit** | Reactivity: ***E. coli* BirA - mutated/TurboID overexpressed in various organisms**

Price: 490 €

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- Product Info

- Immunogen: Recombinant mutated BirA protein from *E. coli* produced using the following plasmid: TurboID-His6_pET21a, ([Plasmid #107177](#)). Expression was 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 DyLight® 488.
- Format: Liquid in PBS pH 7.4.
- Quantity: 40 µg
- Storage: Store at 4°C for 12-18 months, A preservative may be added for long time storage up to 2 years. Spin briefly the tube before use.
- Tested applications: Immunofluorescence (IF), Western blot (WB)
- Recommended dilution: To be determined by end user.
- Expected | apparent MW: Depends upon fusion partner
- Reactivity
- Confirmed reactivity: BirA (mutated/TurboID)
- Not reactive in: No confirmed exceptions from predicted reactivity are currently known.
- Additional Information
- Additional information: DyLight® 488 Amax = 493 nm, Emax = 519 nm. DyLight® is a registered trademark of ThermoFisher Inc., and its subsidiaries.
- Background
- **Tagging a protein with TurboID** allows studying protein interactions in different types of cells and organs and developmental stages. This is a suitable tool for proximity labelling experiments as described in Mair et al, (2019), Proximity labelling of protein complexes and cell-type-specific organellar proteomes in Arabidopsis enabled by TurboID, *Elife*, 2019 Sep 19;8:e47864, doi: 10.7554/eLife.47864, This tag has MW of 35 kDa.