Agrisera
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This product is **for research use only** (not for diagnostic or therapeutic use) **contact: support@agrisera.com**

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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 €

Agrisera Western Blot protocol and video tutorials

Protocols to work with plant and algal protein extracts

Agrisera Educational Posters Collection

- 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
- 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.