

# Anti-Tyrosyl tRNA synthetase/TyrRS antibody [YAR5H08] ab50961

**2 References**   **画像数 4**

### 製品の概要

製品名	Anti-Tyrosyl tRNA synthetase/TyrRS antibody [YAR5H08]
製品の詳細	Mouse monoclonal [YAR5H08] to Tyrosyl tRNA synthetase/TyrRS
由来種	Mouse
アプリケーション	<b>適用あり:</b> WB, IP, ICC
種交差性	<b>交差種:</b> Mouse, Human
免疫原	Recombinant fragment corresponding to Human Tyrosyl tRNA synthetase/TyrRS.
ポジティブ・コントロール	HeLa cells and cell lysate and NIH3T3 cell lysate.
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
バッファー	<p>pH: 7.40</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 1% BSA, 0.812% Sodium chloride, 0.0225% Potassium chloride, 0.0204% Dibasic monohydrogen potassium phosphate, 0.1136% Dibasic monohydrogen sodium phosphate, PBS</p>
精製度	Protein G purified
特記事項 (精製)	ab50961 was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.
ポリ/モノ	モノクローナル

クローン名	YAR5H08
アイソタイプ	IgG1

#### アプリケーション

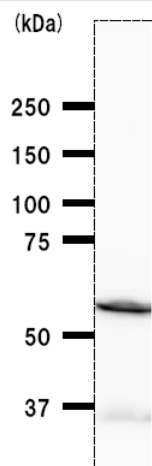
**The Abpromise guarantee**      **Abpromise保証は、**次のテスト済みアプリケーションにおけるab50961の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/100. Detects a band of approximately 58 kDa (predicted molecular weight: 58 kDa).
IP		Use at 20 µg/mg of lysate.
ICC		1/10.

#### ターゲット情報

機能	Catalyzes the attachment of tyrosine to tRNA(Tyr) in a two-step reaction: tyrosine is first activated by ATP to form Tyr-AMP and then transferred to the acceptor end of tRNA(Tyr).
関連疾患	Defects in YARS are the cause of Charcot-Marie-Tooth disease dominant intermediate type C (CMTDIC) [MIM:608323]. CMTDIC is a form of Charcot-Marie-Tooth disease characterized by clinical and pathologic features intermediate between demyelinating and axonal peripheral neuropathies, and motor median nerve conduction velocities ranging from 25 to 45 m/sec.
配列類似性	Belongs to the class-I aminoacyl-tRNA synthetase family. Contains 1 tRNA-binding domain.
細胞内局在	Cytoplasm.

#### 画像



Western blot - Anti-Tyrosyl tRNA synthetase/TyrRS antibody [YAR5H08] (ab50961)

Anti-Tyrosyl tRNA synthetase/TyrRS antibody [YAR5H08] (ab50961) at 1/100 dilution + HeLa whole cell lysate at 50 µg

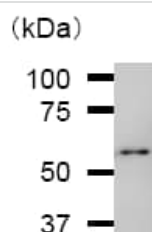
### Secondary

anti-mouse IgG at 1/2500 dilution

Developed using the ECL technique.

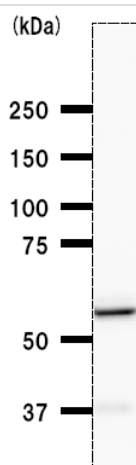
**Predicted band size:** 58 kDa

**Observed band size:** 58 kDa



Immunoprecipitation - Anti-Tyrosyl tRNA synthetase/TyrRS antibody [YAR5H08] (ab50961)

Immunoprecipitation analysis using 10ug ab50961 per 500ug RIPA HeLa cell lysate. Immunoblot using ab50961 at 1/100 dilution and TrueBlot™ anti-mouse IgG at 1/1000 as secondary antibody.



Western blot - Anti-Tyrosyl tRNA synthetase/TyrRS antibody [YAR5H08] (ab50961)

Anti-Tyrosyl tRNA synthetase/TyrRS antibody [YAR5H08] (ab50961) at 1/100 dilution + NIH3T3 whole cell lysate at 50 µg

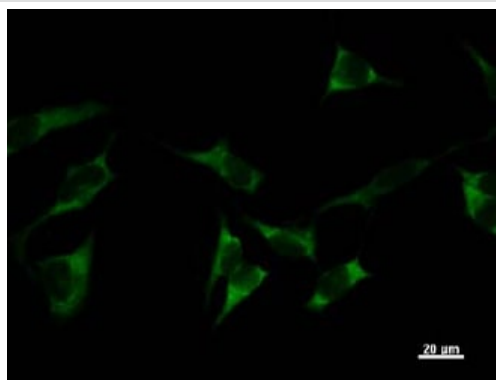
### Secondary

anti-mouse IgG at 1/2500 dilution

Developed using the ECL technique.

**Predicted band size:** 58 kDa

**Observed band size:** 58 kDa



ab50961 at 1/10 dilution staining human YARS in HeLa cells by Immunocytochemistry. AlexaFluor 488 Goat anti-mouse IgG at 1/200 as secondary.

Immunocytochemistry - Anti-Tyrosyl tRNA synthetase/TyrRS antibody [YAR5H08] (ab50961)

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