

Anti-CAST1

(ELKS/RAB6-interacting/CAST family member-1)

Product Information:

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|----------------|---|
| 1) Catalog #: | MSFR100540 |
| Item Name: | CAST1 pAb (Rb) 20ug |
| Size : | 20µg (affinity-purified with antigen polypeptide) |
| Species : | Rabbit |
| Product Code : | CAST-Rb-Af460 |
| RRID : | AB_2571670 |
| 2) Catalog #: | MSFR100550 |
| Item Name: | CAST1 pAb (Rb) 50ug |
| Size : | 50µg (affinity-purified with antigen polypeptide) |
| Species : | Rabbit |
| Product Code : | CAST-Rb-Af460 |
| RRID : | AB_2571670 |
| 3) Catalog #: | MSFR100560 |
| Item Name: | CAST1 pAb (GP) 20ug |
| Size : | 20µg (affinity-purified with antigen polypeptide) |
| Species : | Guinea pig |
| Product Code : | CAST-GP-Af850 |
| RRID : | AB_2571671 |
| 4) Catalog #: | MSFR100570 |
| Item Name: | CAST1 pAb (GP) 50ug |
| Size : | 50µg (affinity-purified with antigen polypeptide) |
| Species : | Guinea pig |
| Product Code : | CAST-GP-Af850 |
| RRID : | AB_2571671 |

Formulation : Liquid ; 200 µg/ml in PBS with 0.05% NaN₃.

(affinity-purified with antigen polypeptide)

Storage : Store at cool temp. (2-10°C)

The antibody can be stored at 2-10°C. The antibody can be also aliquoted and stored at -80°C for long-term storage. Avoid repeated freeze-thawing. Non-hazardous. No MSDS required.

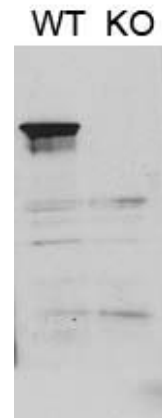
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Species : rabbit / guinea pig, polyclonal

Antigen : mouse CAST1, 113-161 aa (NM_178085)

Specificity : mouse (others not tested)

Immunoblot detects a single protein band at 120 kDa in wild-type, but not CAST1-knockout, brains. This antibody labels presynaptic active zone in in wild-type, but not CAST1-knockout, brains. (see reference 1).



Applications : In general, affinity-purified antibody is used at around 1 microgram/ml for immunoblot and immunohistochemistry. The most appropriate concentration should be determined by users, because it depends on contents in given cells, tissues and organs.

Research Use : For research use only, not for use in diagnostic procedures.

Remarks :

Reference : 1) Uchigashima M, Ohtsuka T, Kobayashi K, Watanabe M. Striatal dopamine synapses are neuroligin-2-mediated contact between dopaminergic presynaptic and GABAergic postsynaptic structures. *Proc Natl Acad Sci USA*, 113:4206-4211,2016.

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