# ARG45196
# anti-FEZF1 antibody

Package: 50 µg
Store at: -20°C

## Summary

| | |
|---|---|
| Product Description | Rabbit Polyclonal antibody recognizes FEZF1 |
| Tested Reactivity | Hu, Ms, Rat |
| Tested Application | FACS, ICC/IF, WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | Rabbit IgG |
| Target Name | FEZF1 |
| Species | Human |
| Immunogen | Recombinant protein containing to human FEZF1. |
| Conjugation | Un-conjugated |
| Alternate Names | FEZF1; FEZ Family Zinc Finger 1; Zinc Finger Protein 312B; ZNF312B; Fez Family Zinc Finger Protein 1; FEZ; HH22 |

## Application Instructions

Application table

| Application | Dilution |
|---|---|
| FACS | 1 - 3 µg/10^6 cells |
| ICC/IF | 5 µg/ml |
| WB | 0.25-0.5 µg/ml |

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Observed Size: 65 kDa

## Properties

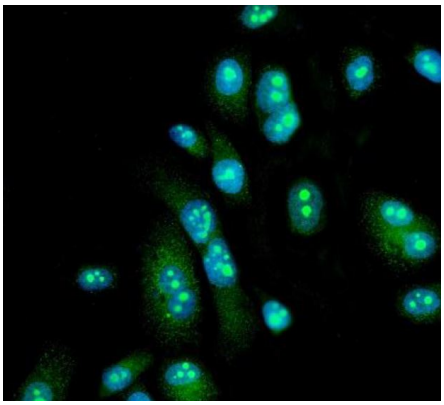
| | |
|---|---|
| Form | Liquid |
| Purification | Affinity purification with immunogen. |
| Buffer | 0.9% NaCl, 0.2% Na2HPO4, 0.005% Sodium azide and 4% Trehalose. |
| Preservative | 0.005% Sodium azide |
| Stabilizer | 4% Trehalose |
| Concentration | 0.5 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |

| | |
|---|---|
| Note | For laboratory research only, not for drug, diagnostic or other use. |

## Bioinformation

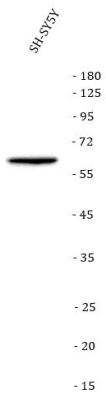
| | |
|---|---|
| Gene Symbol | FEZF1 |
| Gene Full Name | FEZ Family Zinc Finger 1 |
| Background | This gene encodes a transcriptional repressor that belongs to the zinc finger double domain protein family. The encoded protein is thought to play a role in the embryonic migration of gonadotropin-releasing hormone neurons into the brain. Mutations in this gene are associated with hypogonadotropic hypogonadism-22 with anosmia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014] |
| Function | Transcription repressor. Involved in the axonal projection and proper termination of olfactory sensory neurons (OSN). Plays a role in rostro-caudal patterning of the diencephalon and in prethalamic formation. Expression is required in OSN to cell-autonomously regulate OSN axon projections. Regulates non-cell-autonomously the layer formation of the olfactory bulb development and the interneurons. May be required for correct rostral migration of the interneuron progenitors. [UniProt] |
| Calculated Mw | 52 kDa |
| Cellular Localization | Nucleus. [UniProt] |

## Images



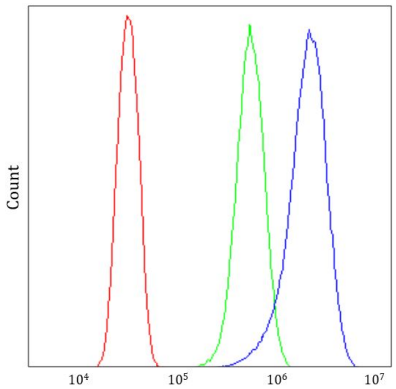
ARG45196 anti-FEZF1 antibody ICC/IF image

Immunofluorescence: PC-3 stained with ARG45196 anti-FEZF1 antibody at 5 ug/ml dilution.



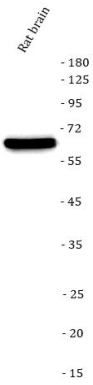

ARG45196 anti-FEZF1 antibody WB image

Western blot: SH-SY5Y stained with ARG45196 anti-FEZF1 antibody at 0.5 µg/ml dilution.




ARG45196 anti-FEZF1 antibody FACS image

Flow Cytometry: U20S stained with ARG45196 anti-FEZF1 antibody at 1 µg/10^6 cells dilution.




ARG45196 anti-FEZF1 antibody WB image

Western blot: Rat brain stained with ARG45196 anti-FEZF1 antibody at 0.5 µg/ml dilution.


ARG45196 anti-FEZF1 antibody WB image

Western blot: Mouse brain stained with ARG45196 anti-FEZF1 antibody at 0.5 µg/ml dilution.