

# ABHD5-flox mouse

**Catalogue number:** 160869

**Sub-type:** Mouse

**Images:**

## Contributor

**Inventor:** Franz Radner ; Rudolf Zechner

**Institute:** University of Graz

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** ABHD5-flox mouse

**Alternate name:** ABHD5, CGI-58

**Class:**

**Conjugate:**

**Description:** Useful model for the generation of tissue/cell specific ABHD5-deficient mice. Animals might be useful for studies, e.g. on energy metabolism or skin barrier development/function.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:** Conditional KO

**Gender:**

**Isotype:**

**Reactivity:**

**Selectivity:**

**Host:**

**Immunogen:**

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:** A loxP site was inserted upstream of exon 4 and a floxed neomycin resistance cassette was inserted downstream of exon 7. Cre-mediated recombination removed the selection cassette and left Abhd5 exon 4-7 flanked by loxP sites. Further details are available upon request.

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Abhydrolase domain containing 5, comparative gene identification-58, Chanarin-Dorfman, Ichthyosis

**Target alternate names:**

**Target background:**

**Molecular weight:**

**Ic50:**

## Applications

**Application:**

**Application notes:**

## Handling

**Format:**

**Concentration:**

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:**

**Storage conditions:**

**Shipping conditions:**

## Related tools

**Related tools:** ABHD5 knock out mouse

## References

**References:** 27725204 ; Radner et al. 2010. J Biol Chem. 285(10):7300-11. PMID: 20023287.

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