

Datasheet for ABIN1417315  
**anti-Hairless antibody (AA 345-460) (Cy5.5)**



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## Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | Hairless (HR)                                                                                                                  |
| Binding Specificity: | AA 345-460                                                                                                                     |
| Reactivity:          | Human, Mouse, Rat                                                                                                              |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This Hairless antibody is conjugated to Cy5.5                                                                                  |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                                                                 |
|-----------------------|-------------------------------------------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human Hairless                                    |
| Isotype:              | IgG                                                                                             |
| Specificity:          | This antibody may also cross react with JMJD1C due to sequence homology in the immunogen range. |
| Cross-Reactivity:     | Human, Mouse, Rat                                                                               |
| Predicted Reactivity: | Dog,Cow,Sheep,Pig,Horse,Rabbit                                                                  |
| Purification:         | Purified by Protein A.                                                                          |

### Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                    |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | Hairless (HR)                                                                                                                                                                                                                                                                                                                                      |
| Alternative Name: | Hairless ( <a href="#">HR Products</a> )                                                                                                                                                                                                                                                                                                           |
| Background:       | Synonyms: AU, MUHH, ALUNC, HYPT4, MUHH1, HSA277165, Lysine-specific demethylase hairless, HR<br><br>Background: Histone demethylase that specifically demethylates both mono- and dimethylated 'Lys-9' of histone H3. May act as a transcription regulator controlling hair biology (via targeting of collagens), neural activity, and cell cycle. |
| Molecular Weight: | 60kDa                                                                                                                                                                                                                                                                                                                                              |
| Gene ID:          | 55806                                                                                                                                                                                                                                                                                                                                              |
| UniProt:          | <a href="#">O43593</a>                                                                                                                                                                                                                                                                                                                             |

### Application Details

|                    |                                                              |
|--------------------|--------------------------------------------------------------|
| Application Notes: | IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions:      | For Research Use only                                        |

### Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |