10320 Camino Santa Fe, Suite G
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Hairless Polyclonal Antibody
Catalog # AP70281

Specification

Hairless Polyclonal Antibody - Product Information

Application	**WB, IHC-P, IF**
Primary Accession	O43593
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**

Hairless Polyclonal Antibody - Additional Information

Gene ID 55806

Other Names
HR; Protein hairless

Dilution
WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
IHC-P~~N/A
IF~~1:50~200

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

Hairless Polyclonal Antibody - Protein Information

Name HR

Function
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.

Cellular Location
Nucleus.

Tissue Location
Strongest expression of isoforms 1 and 2 is seen in the small intestine, weaker expression in brain and colon, and trace expression is found in liver, pancreas, spleen, thymus, stomach, salivary gland, appendix and trachea. Isoform 1 is always the most abundant. Isoform 1 is exclusively expressed at low levels in kidney and testis. Isoform 2 is exclusively expressed at high levels in the skin.

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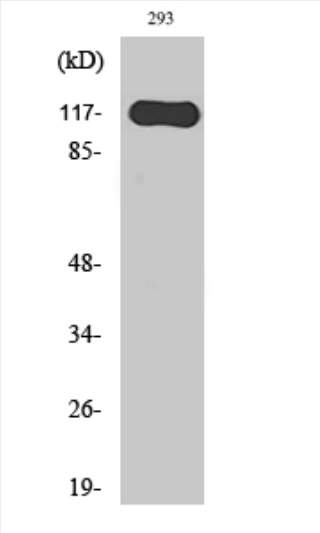
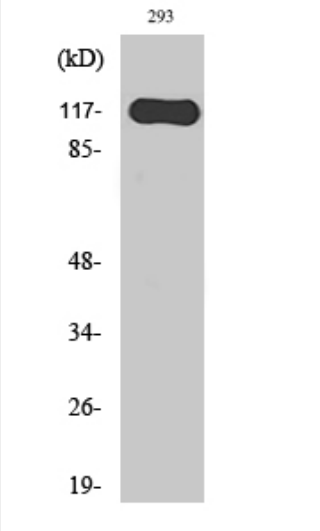
Hairless Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Hairless Polyclonal Antibody - Images





Hairless Polyclonal Antibody - Background

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