

Hairless Polyclonal Antibody

Catalog # AP70281

Product Information

Application WB, IHC-P, IF
Primary Accession O43593
Reactivity Human
Host Rabbit
Clonality Polyclonal
Calculated MW 127495

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°C

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

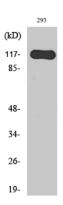
expression in brain and colon, and trace expression is found in liver, pancreas, spleen, thymus, stomach, salivary gland, appendix and trachea. Isoform 1 is always the most abundant. Isoform 1 is exclusively expressed at low levels in kidney and testis. Isoform 2 is exclusively expressed at high

levels in the skin.

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.

Images



Western Blot analysis of various cells using Hairless Polyclonal Antibody diluted at 1: 1000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.