

## HAIR Antibody

Catalog No: #33588

Package Size: #33588-1 50ul #33588-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	HAIR Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC IF
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total HAIR protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human HAIR.
Target Name	HAIR
Other Names	Protein hairless; HR; HAIR;
Accession No.	Swiss-Prot: O43593NCBI Gene ID: 55806
SDS-PAGE MW	130kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

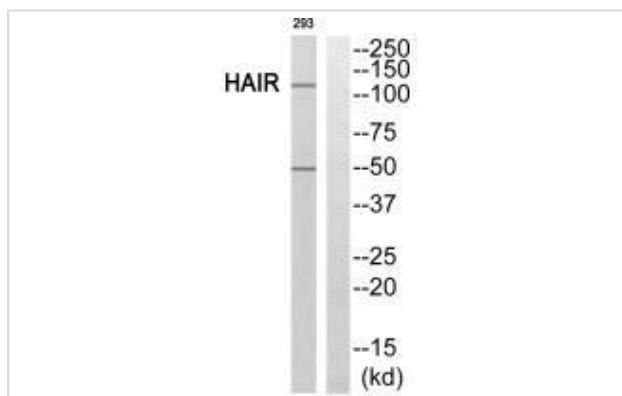
## Application Details

Western blotting: 1:500~1:3000

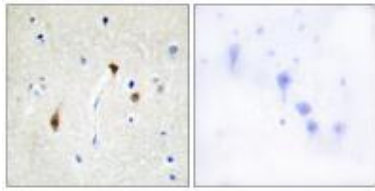
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:500

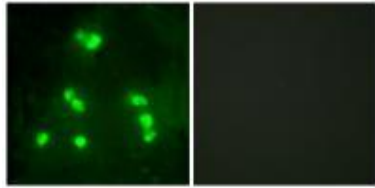
## Images



Western blot analysis of extracts from 293 cells, using HAIR antibody #33588.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using HAIIR antibody #33588.



Immunofluorescence analysis of A549 cells, using HAIIR antibody #33588.

## 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.

Ahmad W., *Science* 279:720-724(1998).

Cichon S., *Hum. Mol. Genet.* 7:1671-1679(1998).

Ahmad W., *Am. J. Hum. Genet.* 63:984-991(1998).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.