

Datasheet for ABIN2777657
anti-Hairless antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	Hairless (HR)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Hairless antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human HR
Sequence:	RVWAPGDAGQ QKESTQKTPP TPQPSCNGDT HRTKSIKEET PDSAETPAED
Predicted Reactivity:	Cow: 77%, Dog: 85%, Human: 100%, Mouse: 77%, Pig: 85%, Rat: 77%
Characteristics:	This is a rabbit polyclonal antibody against HR. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Hairless (HR)
Alternative Name:	HR (HR Products)

Target Details

Background:	<p>HR is a protein whose function has been linked to hair growth. A similar protein in rat functions as a transcriptional corepressor for thyroid hormone and interacts with histone deacetylases. Mutations in this gene have been documented in cases of autosomal recessive congenital alopecia and atrichia with papular lesions. This gene encodes a protein whose function has been linked to hair growth. A similar protein in rat functions as a transcriptional corepressor for thyroid hormone and interacts with histone deacetylases. Mutations in this gene have been documented in cases of autosomal recessive congenital alopecia and atrichia with papular lesions. Two transcript variants encoding different isoforms have been found for this gene.</p> <p>Alias Symbols: ALUNC, AU, HSA277165, MUHH, MUHH1</p> <p>Protein Interaction Partner: VDR, TBL1X, TRIM27, RARB, RARA, HDAC1, HDAC5, HDAC3, HMGB1, HDAC2, THRA,</p> <p>Protein Size: 1189</p>
Molecular Weight:	127 kDa
Gene ID:	55806
NCBI Accession:	NM_005144 , NP_005135
UniProt:	O43593

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1189 AA
Restrictions:	For Research Use only

Handling

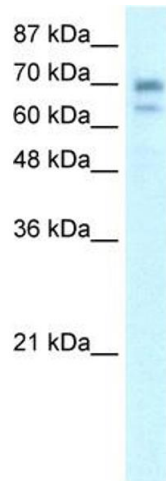
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

Storage: -20 °C

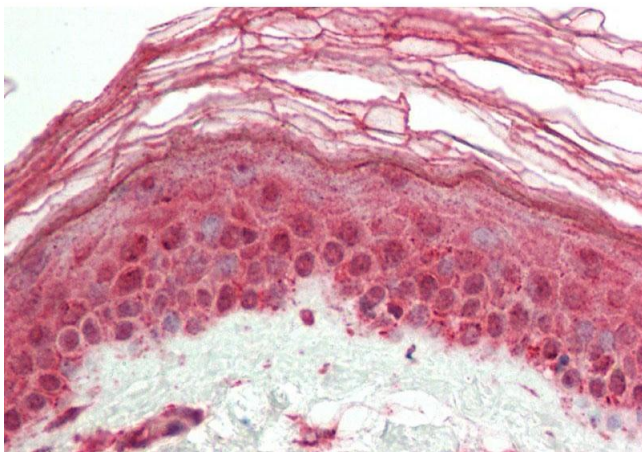
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-HR Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: HepG2 cell lysate



Immunohistochemistry

Image 2. Rabbit Anti-HR antibody Formalin Fixed Paraffin Embedded Tissue: Human Skin Primary antibody Concentration: 1:100 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20x Exposure Time: 0.5-2.0sec