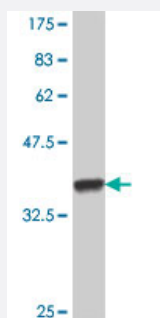


# HR polyclonal antibody (A01)

Catalog # H00055806-A01

Size 50 uL

## Applications



Western Blot detection against Immunogen (37.11 KDa) .

## Specification

<b>Product Description</b>	Mouse polyclonal antibody raised against a partial recombinant HR.
<b>Immunogen</b>	HR (NP_005135, 1090 a.a. ~ 1189 a.a) partial recombinant protein with GST tag.
<b>Sequence</b>	LDAGLRRRLREEWGVSCWTLLQAPGEAVLVPAGAPHQVQGLVSTVSVTQHFLSPETSALSAQL CHQGPSLPPDCHLLYAQMDWAVFQAVKVAVGTLQEAK
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (91)
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 KDa) .
<b>Storage Buffer</b>	50 % glycerol
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — HR

Entrez GeneID [55806](#)

GeneBank Accession# [NM\\_005144](#)

Protein Accession# [NP\\_005135](#)

Gene Name HR

Gene Alias ALUNC, AU, HSA277165

Gene Description hairless homolog (mouse)

Omim ID [203655](#) [209500](#) [602302](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a protein that is involved in hair growth. This protein functions as a transcriptional corepressor of multiple nuclear receptors, including thyroid hormone receptor, the retinoic acid receptor-related orphan receptors and the vitamin D receptors, and it interacts with histone deacetylases. The translation of this protein is modulated by multiple regulatory ORFs that exist upstream of the primary ORF. Mutations in one of these upstream ORFs, U2HR, cause Marie Unna hereditary hypotrichosis (MUHH), an autosomal dominant form of genetic hair loss. Mutations in this gene also cause autosomal recessive congenital alopecia and atrichia with papular lesions, other diseases resulting in hair loss. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations** OTTHUMP00000122609|OTTHUMP00000159164|hairless protein

## Disease

- [Alopecia](#)