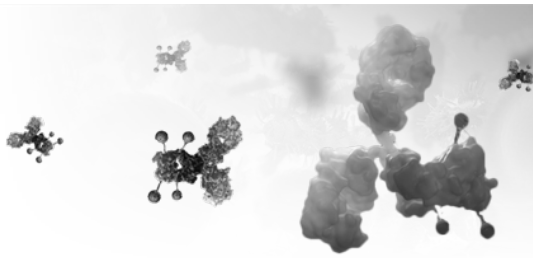

Anti-HR (aa 1090-1189) polyclonal antibody (DPAB-DC2445)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	HR (NP_005135, 1090 a.a. ~ 1189 a.a) partial recombinant protein with GST tag. The sequence is LDAGLRRRLREEWGVSCWTLLQAPGEAVLVPAGAPHQVQGLVSTVSVTQHFLSPETSALS AQLCHQGPSLPPDCHLLYAQMDWAVFQAVKVAVGTLQEAK
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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GENE INFORMATION

Gene Name	HR hair growth associated [Homo sapiens (human)]
Official Symbol	HR
Synonyms	HR; hair growth associated; AU; MUHH; ALUNC; MUHH1; HSA277165; lysine-specific demethylase hairless; hairless homolog; protein hairless;
Entrez Gene ID	55806
Protein Refseq	NP_005135
UniProt ID	O43593
Chromosome Location	8p21.2
Function	DNA binding; metal ion binding; oxidoreductase activity; sequence-specific DNA binding transcription factor activity

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