HESRG Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	HESRG, Polyclonal Antibody
Full Product Name	HESRG (Embryonic Stem Cell-Related gene Protein, hES Cell-Related gene Protein, ESRG, HESRG) (Biotin)
Product Gene Name	anti-HESRG antibody
Product Synonym Gene Name	ESRG
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human HESRG. Species Crossreactivity: human
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	28.2 kDa
OMIM	611473
3D Structure	ModBase 3D Structure for Q1W209
Immunogen	KLH conjugated synthetic peptide between aa27-61 at the Central region of human HESRG.
Conjugate	Biotin
Note	Preservative Free
Product Categories/Family for anti-HESRG antibody	Antibodies; Stem Cell Research
Applications Tested/Suitable for anti-HESRG antibody	Western Blot (WB)
Application Notes for anti-HESRG antibody	WB: 1:1000 Applications are based on unconjugated antibody.
Related Product Information for anti-HESRG antibody	MBS6456494 is an antibody targeting HESRG. Also known as HESRG (Embryonic Stem Cell-Related gene Protein, hES Cell-Related gene Protein, ESRG, HESRG) (Biotin). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-HESRG antibody	Zhao M., et al. Biochem. Biophys. Res. Commun. 362:916-922(2007). Li G., et al. Biochem. Biophys. Res. Commun. 435:160-164(2013). Muzny D.M., et al. Nature 440:1194-1198(2006).
Other Notes	Small volumes of anti-HESRG antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HESRG. It may not necessarily be applicable to this product.

NCBI GI #	527504048
NCBI Accession #	Q1W209.2
UniProt Primary Accession #	Q1W209
NCBI Official Full Name	Embryonic stem cell-related gene protein
UniProt Protein Name	Embryonic stem cell-related gene protein
UniProt Gene Name	ESRG
UniProt Synonym Gene Names	HESRG; hES cell-related gene protein
UniProt Entry Name	ESRG_HUMAN
UniProt Comments for HESRG	HESRG: Down-regulated during differentiation of ES cells. Chromosomal Location of Human Ortholog: 3p14.3|3p14.3 Cellular Component: nucleus
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