bsm-54163R **[Primary Antibody]**

LOXL2 Recombinant Rabbit mAb

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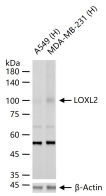
DATASHEET

Host: Rabbit
Isotype: IgG
Clonality: Recombinant
CloneNo.: 7D7
GeneID: 4017
SWISS: Q9Y4K0
Target: LOXL2
Immunogen: A synthesized peptide derived from human LOXL2: 711-774/774.
Purification: affinity purified by Protein A
Concentration: 1mg/ml
Storage: 1*TBS (pH7.4), 0.05% BSA, 40% Glycerol. Preservative: 0.02% Proclin300.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background: This gene encodes a member of the lysyl oxidase gene family. The prototypic member of the family is essential to the biogenesis of connective tissue, encoding an extracellular copper-dependent amine oxidase that catalyses the first step in the formation of crosslinks in collagens and elastin. A highly conserved amino acid sequence at the C-terminus end appears to be sufficient for amine oxidase activity, suggesting that each family member may retain this function. The N-terminus is poorly conserved and may impart additional roles in developmental regulation, senescence, tumor suppression, cell growth control, and chemotaxis to each member of the family. [provided by RefSeq, Jul 2008].

Applications: **WB** (1:500-2000)
Reactivity: Human
Predicted MW.: 87 kDa
Subcellular Location: Secreted ,Extracellular matrix

VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with LOXL2 monoclonal antibody, unconjugated (bsm-54163R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.