

## Product datasheet for **TA384118S**

### DOHH Rabbit Monoclonal Antibody [Clone ID: R04-4I8]

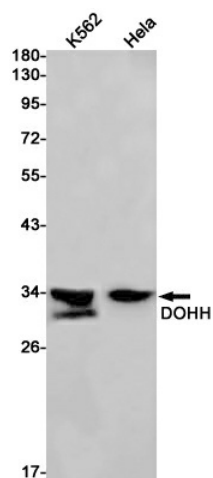
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	R04-4I8
Applications:	IP, WB
Recommended Dilution:	WB: 1/1000 IP: 1/20
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthetic peptide of human DOHH
Formulation:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	Calculated MW: 33 kDa; Observed MW: 33 kDa
Gene Name:	deoxyhypusine hydroxylase/monooxygenase
Database Link:	<a href="#">Entrez Gene 83475 Human Q9BU89</a>
Background:	Swiss-Prot Acc.Q9BU89.Catalyzes the hydroxylation of the N6-(4-aminobutyl)-L-lysine intermediate produced by deoxyhypusine synthase/DHPS on a critical lysine of the eukaryotic translation initiation factor 5A/eIF-5A. This is the second step of the post-translational modification of that lysine into an unusual amino acid residue named hypusine (PubMed:16533814, PubMed:16371467, PubMed:19706422). Hypusination is unique to mature eIF-5A factor and is essential for its function .
Synonyms:	hDOHH; HLRC1; MGC4293



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## Product images:



Western blot detection of DOHH in K562, HeLa cell lysates using DOHH Rabbit mAb (1:1000 diluted). Predicted band size: 33 kDa. Observed band size: 33 kDa.