

Product datasheet for **TA392809M**

HOXD12 Rabbit Polyclonal Antibody

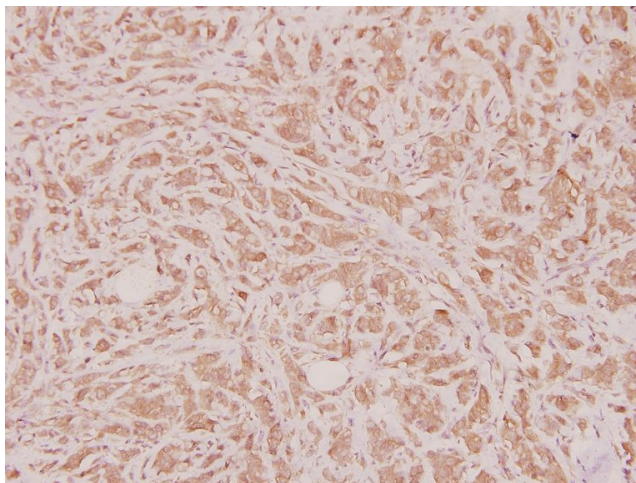
Product data:

| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | WB: 1:500~1:1000 IHC: 1:50~1:200 |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Synthetic peptide, corresponding to amino acids 200-250 of Human HoxD12. |
| Specificity: | HoxD12 (E230) polyclonal antibody detects endogenous levels of HoxD12 protein. |
| Formulation: | Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2 |
| Concentration: | 1mg/ml |
| 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: | ~ 30 kDa |
| Gene Name: | homeobox D12 |
| Database Link: | Entrez Gene 3238 Human P35452 |
| Background: | The Hox proteins are a family of transcription factors that play a role in development and cellular differentiation by regulating downstream target genes. Specifically, the Hox proteins direct DNA-protein and protein-protein interactions that assist in determining the morphologic features associated with the anterior-posterior body axis. Hox proteins are involved in controlling axial patterning, leukemias and hereditary malformations. HoxD12 (homeobox D12), also known as HOX4H, is a 275 amino acid protein that localizes to the nucleus and contains one homeobox DNA-binding domain. One of several members of the homeobox superfamily, HoxD12 functions as a sequencespecific transcription factor that is important for the correct positioning of developing limb buds on the anterior-posterior axis. |
| Synonyms: | Homeobox protein Hox-4H; Homeobox protein Hox-D12; HOX4H; HOXD12 |

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Note: For research use only, not for use in diagnostic procedure.

Product images:



Immunohistochemistry (IHC) analyzes of HoxD12 (E230) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.