

Product datasheet for **TA372478S**

EN2 Rabbit Polyclonal Antibody

Product data:

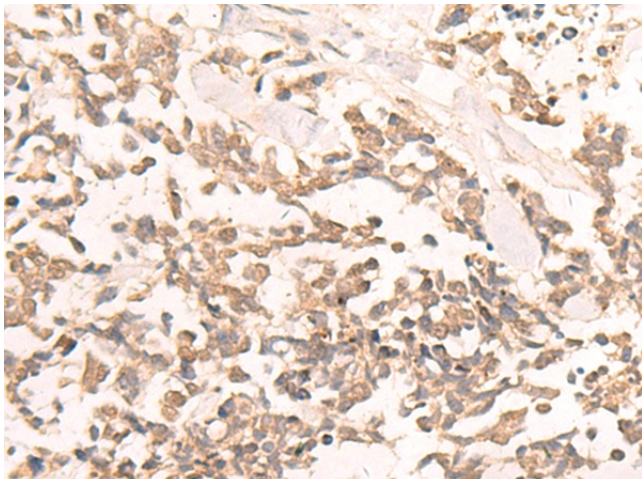
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 30-150 Positive control: Human lung cancer Predicted cell location: Nucleus
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human EN2
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	engrailed homeobox 2
Database Link:	Entrez Gene 2020 Human P19622

Background: Homeobox-containing genes are thought to have a role in controlling development. In *Drosophila*, the 'engrailed' (en) gene plays an important role during development in segmentation, where it is required for the formation of posterior compartments. Different mutations in the mouse homologs, En1 and En2, produced different developmental defects that frequently are lethal. The human engrailed homologs 1 and 2 encode homeodomain-containing proteins and have been implicated in the control of pattern formation during development of the central nervous system.

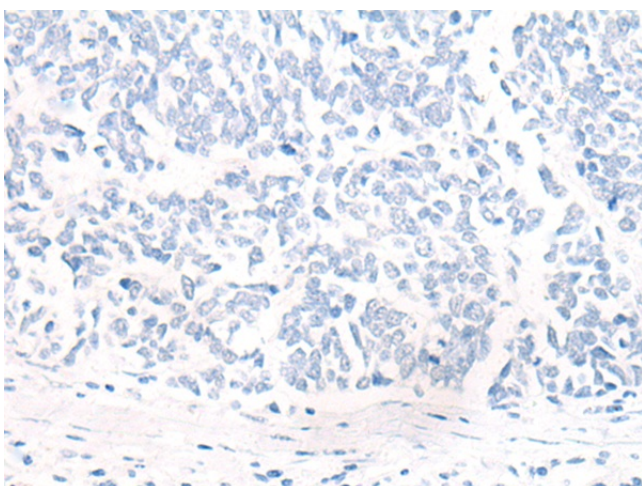
Synonyms: AUTS10; engrailed-2; Hu-En-2



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Product images:

Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA372478] (EN2 Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA372478] (EN2 Antibody) at dilution 1/30, treated with synthetic peptide. (Original magnification: ×200)