



[Go to Product page](#)

Datasheet for ABIN517344

anti-KISS1 antibody (AA 46-145)

4 Images

4 Publications

Overview

Quantity:	100 µg
Target:	KISS1
Binding Specificity:	AA 46-145
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KISS1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant KISS1.
Immunogen:	KISS1 (NP_002247, 46 a.a. ~ 145 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	PGEQSLPCTE RKPAATARLS RRGTSLSPPP ESSGSPQQPG LSAPHSRQIP APQGAVLVQR EKDLPNYNWN SFGLRFGKRE AAPGNHGRSA GRGWGAGAGQ
Clone:	1F7
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	KISS1
Alternative Name:	KISS1 (KISS1 Products)
Background:	Full Gene Name: KiSS-1 metastasis-suppressor Synonyms: KiSS-1,METASTIN,MGC39258
Gene ID:	3814
NCBI Accession:	NM_002256
Pathways:	Positive Regulation of Peptide Hormone Secretion

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

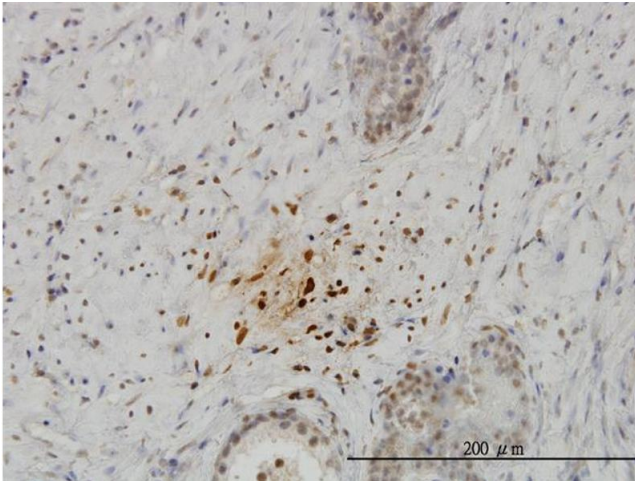
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	<p>Shin, Cho, Kang, Kim, Hong, Lee, Hong, Yoon: "KiSS-1 expression in oral squamous cell carcinoma and its prognostic significance." in: APMIS : acta pathologica, microbiologica, et immunologica Scandinavica, Vol. 124, Issue 4, pp. 291-8, (2016) (PubMed).</p> <p>Baba, Kang, Hosoe, Kharma, Abiko, Matsumura, Hamanishi, Yamaguchi, Yoshioka, Koshiyama, Mandai, Murphy, Konishi: "Menstrual cyclic change of metastin/GPR54 in endometrium." in: Medical molecular morphology, (2014) (PubMed).</p> <p>Kang, Baba, Mandai, Matsumura, Hamanishi, Kharma, Kondoh, Yoshioka, Oishi, Fujii, Murphy, Konishi: "GPR54 is a target for suppression of metastasis in endometrial cancer." in: Molecular cancer therapeutics, Vol. 10, Issue 4, pp. 580-90, (2011) (PubMed).</p>
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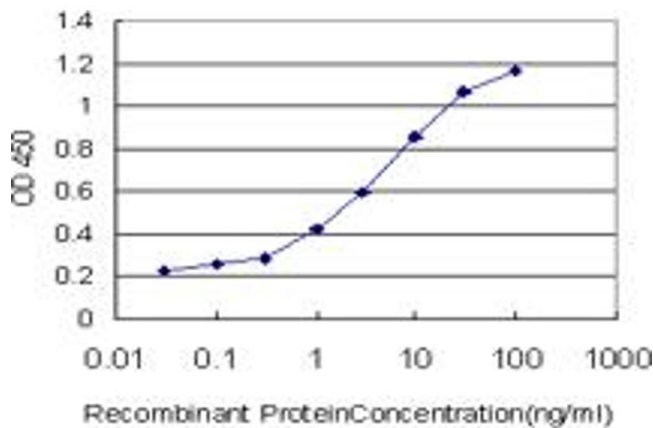
Martins, Fernandes, Anteck, Di Cesare, Mansure, Marshall, Burnier: "Expression of the metastasis suppressor gene KISS1 in uveal melanoma." in: **Eye (London, England)**, Vol. 22, Issue 5, pp. 707-11, (2008) ([PubMed](#)).

Images



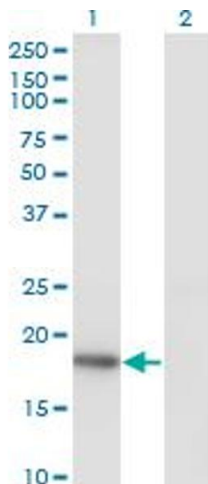
Immunostaining

Image 1. Immunoperoxidase of monoclonal antibody to KISS1 on formalin-fixed paraffin-embedded human prostate. [antibody concentration 3 ug/ml]



ELISA

Image 2. Detection limit for recombinant GST tagged KISS1 is approximately 0.3ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot analysis of KISS1 expression in transfected 293T cell line by KISS1 monoclonal antibody (M05), clone 1F7.

Lane 1: KISS1 transfected lysate(14.7 kDa).

Lane 2: Non-transfected lysate.

Images

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN517344.