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Datasheet for ABIN525591
anti-PYGO1 antibody (AA 101-200)

3 Images

Overview

Quantity:	100 µg
Target:	PYGO1
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PYGO1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant PYGO1.
Immunogen:	PYGO1 (NP_056432, 101 a.a. ~ 200 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	YSTRMPPHV PPRMSSPYCG PYSLRNQPHP FPQNPLGMGF NRPHAFNFGP HDNSSFGNPS YNNALSQNVN MPNQHFRQNP AENFSQIPPQ NASQVSNPDL
Clone:	3E1
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	PYG01
Alternative Name:	PYG01 (PYG01 Products)
Background:	Full Gene Name: pygopus homolog 1 (Drosophila) Synonyms: DKFZp547G0910
Gene ID:	26108
NCBI Accession:	NM_015617
Pathways:	WNT Signaling

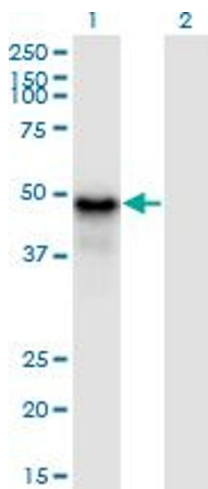
Application Details

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.

Images

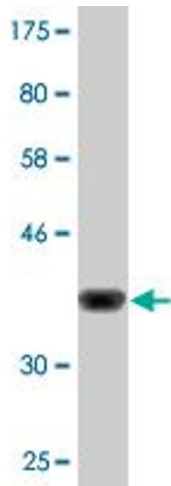


Western Blotting

Image 1. Western Blot analysis of PYG01 expression in transfected 293T cell line by PYG01 monoclonal antibody (M13), clone 3E1.

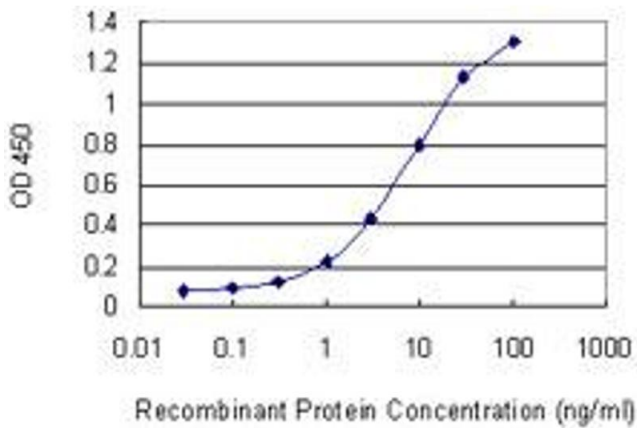
Lane 1: PYG01 transfected lysate (Predicted MW: 46.09 KDa).

Lane 2: Non-transfected lysate.



Western Blotting

Image 2. Western Blot detection against Immunogen (36.74 KDa).



ELISA

Image 3. Detection limit for recombinant GST tagged PYGO1 is 0.1 ng/ml as a capture antibody.