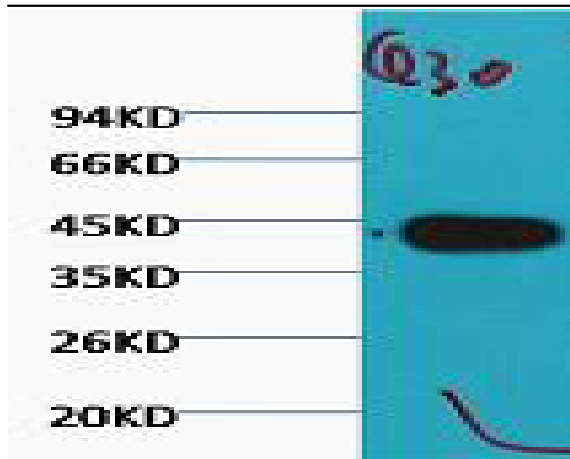


Plant actin Monoclonal Antibody(Q30)

Catalog No :	YM3034
Reactivity :	VariousPlants
Applications :	WB
Target :	Plant actin
Immunogen :	Recombinant Protein of Plant actin
Specificity :	The antibody detects endogenous plant actin protein.
Formulation :	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
Source :	Monoclonal, Mouse
Dilution :	WB 1:2000-5000
Purification :	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	43kD
Background :	<p>Actin is a highly conserved protein and an essential component of cell cytoskeleton and plays an important role in cytoplasmic streaming, cell shape determination, cell division, organelle movement and extension growth. Preferentially expressed in young and expanding tissues, floral organ primordia, developing seeds and emerging inflorescence. Arabidopsis has a complex actin gene family that encodes six protein subclasses. One of the classes is represented by the proteins ACT2 and ACT8, which are similar proteins, but have different flanking sequences, introns and silent nucleotide positions in codons. ACT8 is expressed in root, stems, leaves, flowers, pollen and siliques.</p>

Products Images



Western blot analysis of Arabidopsis, (Q30) diluted at 1:5000